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### DATA PROCESSING DIVISION CLIMATIC CENTER, USAF Air Weather Service (MATS)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

COMOX BC DOT APT N 49 43 W 124 54 ELEV 75 FT CYQQ WMO# 72893

PARTS A, C-F POR FROM HOURLY OBS JAN 54-DEC 63

> Nov 65 CL 8500

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WAYNE EL MCCOLLOM, Chief Technical Information Section USAFETAC/TST

FOR THE COMMANDER

WALTER S BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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- 19. Percentage frenquency of distribution tables Dry-bulb temperature versus wet-bulb temperature
  Cumulative percentage frequency of distribution tables
  \* British Colombia, Canada
  \*\* Comox, Canada

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

The Period of Record (POR) for Daily Observations is: JAN 54- DEC 63

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

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#### UNIFERM SUMMARY

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SURFACE REATHER OBSERVATIONS

## BAR. CALL STAING. STAING NAME LATITUDE LONGITUDE ELEVIFT. SIGN WHO NO. 24292 COMOX 8C DOT APT N 49 43 % 124 54 75 CYC. 72893

PERIOD OF RECORD

FOR HOURLY DESERVATIONS JAN 54-CEC 63

#### SUMPARIES

PART	٨	WEATHER CONDITIONS
		ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

- PART 3 PRECIPITATION DATA NOT AVAILABLE SNOW DEPTH DATA NOT AVAILABLE SNOW DEPTH DATA NOT AVAILABLE
- PART C SURFACE WINDS
- PART 0 CEILING VERSUS VISIBILITY SKYCOVER
- PART E DAILY MAX, MIN, AND MEAN TEMPERATURESDATA NOT AVAILABLE EXTREME MAX AND MIN TEMPERATURESDATA NOT AVAILABLE PSYCHROMETRIC+ DRY VS WET BULB MEANS & STD DEV- DRY BULB, WET BULB, AND DEW POINT RELATIVE HUMIDITY
- PART F STATION PRESSURE SEA LEVEL PRESSURE

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MATS) ASHEVILLE, NORTE CAROLINA

# Revised UNIFORM SUMMARY of

### SURFACE WEATHER OBSERVATIONS

#### DESCRIPTION OF SUMMARIES:

Preceding each section is a brief description of the data comprising each part of the revised Uniform Surmary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

HOURLY OBSERVATIONS are defined as those record or record-special observations recorded at scheduled hourly intervals.

<u>DAILY OBSERVATIONS</u> are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

STANDARD 3-HOUR GROUPS All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MATS) ASHEVILLE, NORTH CAROLINA

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#### PART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle(glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hair), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combination of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow ... hen reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be

reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### WEATHER CONDITIONS

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COMOX BC DOL APT

54-63

ALL

STATION

STATION NAME

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MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.1.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	НАЦ	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		27.3	.1	6.4		32.4	23.0	• 2	•2		23.3	7438
FEB			23.8	.0	3.4		26.8	20.2	• 3	1		20.5	6 <b>76</b> 5
MAR		.0	19.4		2.4	- 1	21.2	10.4	.4	.0		14.7	7435
APR	l .	• ၁	15.4		.1	• 0	15.5	5.9	• 3			6.2	7197
YAP			11.1			•0	11.1	2.7	• 3			2.8	7433
JUN		•1	12.4				12.4	2.5	•1			2.6	7191
JUL	i	-1	6.6				6.6	l.9	• 2	ļ		2.0	7427
AUG		1	8.4	! 			8.4	4.0	•2			4.2	7434
SEP		.1	12.9		• 3		12.9	13.8	2.9			15.4	7168
аст		• 0	21.4		- 1	_•?	21.4	23.7	2.5			24.8	7425
VOV			25.1		1.8		26.2	23.9	. 4	-1		24.2	7197
DEC		<u> </u>	29.4	• 2	2.9		31.9	24.9	• 2			25.0	7438
TOTALS		• 0	17.7	.0	1.4	•0	18.9	13.0	.7	.0		13.4	87548

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m FORM}$  0-10-5 (Det 50) previous editions of this form are obsolete

#### WEATHER CONDITIONS

24292

COMGX BC DOT APT

54-63

JAN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS	TOTAL NO. OF OBS.
JAN	¢6-€2		26.3		5.6		30.9	22.5				22.5	930
	C3-05		29.4		5.8		33.5	22.6		• 2		22.8	930
	16-08		29.4	• 1	5.7		33.8	22.6				22.6	930
	09-11		28.0		7.6		34.5	25.7		-1		25.8	930
	12-14		25.4	-1	7.7		32.3	23.7	.1	.3		24.C	930
	15-17		26.3	.3	6.1		31.0	23.5	6	.3	_	24.2	929
	18-20		26.6		6.5		31.3	22.9	.5	.3		23.4	930
	21-23		26.9	·	5.9		32.0	21.0	•2	.3		21.3	929
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			· · ·										
TOTALS			27.3	.1	6.4		32.4	23.C	•2	• 2		23.3	7438

### **WEATHER CONDITIONS**

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COMOX BC DOT APT

54-63

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STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	AND/OR	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00 2		25.6		4.3		29.3	22.4	. 4	ļ .		22.7	845
	C <b>3-</b> 65		23.2		4.5		27.3	20.0	.1			20.1	846
	€6-08	! !	24.3		3.7		27.5	19.3		•1		19.4	846
	09-11		22.5		3.0		25.2	21.0	.7	.4		22.0	846
	12-14	•	21.9	.4	3.2		24.5	20.4	. 5			20.5	845
	15-17		23.9		2.6		26.4	19.3	.4			19.6	846
	18-20	<u>.                                    </u>	24.9		3.1		27.7	19.9	.2	•2		20.4	845
	21-23		23.9		3.2		26.7	19.3	•5	.1		19.4	846
		<del></del>					+						
				<del>  </del>									
TOTALS			23.8	•0	3.4		26.8	20.2	.3	.1		20.5	6765

### WEATHER CONDITIONS

24292	COMUX BC DOT	APT	54-63	MAR
STATION		STATION NAME	YEARS	MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OB\$.
MAR	C0-02		19.9		3.4		22.7	7.3				7.3	930
	03-05		22.3		2.2		24.1	8.7	•2			8.9	930
	, <b>6−</b> C6		18.7		2.2		20.4	13.5	•6	.1		13.8	930
	09-11		17.2		2.5	.1	19.5	13.7	1.1			14.2	930
	12-14		20.0		2.5	-1	21.5	11.5	.9			12.4	930
	15-17	-1	19.3		2.6	•2	21.3	9.5	.4			9.9	928
	18-20	: :	19.0		2.3		20.6	9.1	•2			9.3	927
	21-23	!	18.5		1.9		19.8	9.7	-1			9.7	930
	! 	_		!									
				!				:					
TOTALS		.c	19.4		2.4	.1	21.2	10.4	.4	.0		10.7	7435

### WEATHER CONDITIONS

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COMOX BC DOT APT

54-63

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STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE UF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-12		14.2				14.2	4.0				4.0	900
	03-05		13.9				13.9	6.0				6.0	900
	∴ <b>6−</b> 08		14.1		• 2		14.4	9.4	. 4			9.7	ਖ <b>98</b>
	09-11		13.9		• 2		14.0	7.7	. 3			8.0	900
	12-14	.1	17.6			•1	17.6	5.8	.6			6.3	900
	15-17		19.7			• 1	19.7	5.9	. 4			6.3	900
	18-20	i	16.6				16.6	5.2	.6			5.8	899
	21-23		13.4				13.4	3.3	•1			3.4	900
	<u> </u>	· 											
TOTALS		•0	15.4		.1	•0	15.5	5.9	.3		<del></del>	6.2	7197

### WEATHER CONDITIONS

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
YAP	00-02		13.6				13.6	2.7				2.7	927
	03-05		10.9				10.9	2.8				2.8	929
	∂6 <b>−</b> 08		10.2				10.2	3.1				3.1	930
	09-11		9.2				9.2	2 • B	• 3			3.1	930
	12-14		12.3			-1	12.3	2 <b>. 2</b>	• b			2.7	930
	15-17		10.1				10.1	2.5	. 3			2.5	930
	18-20		10.5	i			10.5	2.4	. 5			2.6	929
	21-23		11.7	†			11.7	2.8	.4			3.0	928
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TOTALS	<del> </del>		11.1			•3	11.1	2.7	.3	<del></del>	, <u> </u>	2.0	7433

### WEATHER CONDITIONS

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COMOX BC DOT APT

54-63

JUN

STATION

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STATION NAME

YEA

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-32	• 2	11.7				11.7	2.7				2.7	900
	€ <b>3-</b> €5		11.6				11.6	3.3	.3			3.7	900
	<b>∂6−</b> 08		9.0				9.9	3.2	.4			3.7	900
	09-11		11.7				11.7	2.4	•2			2.7	900
	12-14	.1	15.1		! i		15.1	1.6				1.6	895
	15-17	•2	13.8				13.8	2.2				2.2	899
	18-20	•2	14.3	1			14.3	2.1				2.1	897
	21-23	•2	11.9	,			11.9	2.4				2.4	900
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TOTALS			12.4		<del></del>	= <del></del>	12.4	2.5	.1	-	,	2.6	7191

### **WEATHER CONDITIONS**

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COMOX BC DOT APT

54-63

JUL

STATION

STATION NAME

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUMDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		7.1				7.1	1.3				1.3	92
	03-05	. 2	6.5				6.5	2.0	.1			2.2	930
	06-08		6.3				6.3	3.3	• 3			3.5	921
	09-11		3.9				3.9	1.8	•2			2.0	930
	12-14	.1	7.2				7.2	1.7				1.7	930
	15-17	-1	8.0				8.0	1.7	. 3			2.0	929
	18-50	.1	7.2				7.2	l • 6	.3			1.9	930
	21-23	.3	6.4				6.4	1.3	•2			1.5	926
										1			
		· <del> </del>											
TOTALS		.1	6.6				6.6	1.9	•2			2.0	7427

### **WEATHER CONDITIONS**

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24292 COMOX 8C DOT APT

54-63

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS

FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR ORIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		5.7				5.7	3.2				3.2	928
	03-05		7.5				7.5	4.2				4.2	930
	06 <b>-</b> 08		8.7				8.7	5.2				5.2	930
	09-11		9.C				9.0	4.7	.1			4.7	930
	12-14	.1	9.4				9.4	3.8	.3			4.1	930
	15-17	• 2	9.9				9.9	3.9	.8			4.6	929
	18-20	. 3	8.8				8.8	3.2	•2			3.4	929
	21-23	. 3	8.5				8.5	4.0				4.3	928
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TOTALS		.1	8.4	A			8.4	4.0	• 2			4.2	7434

### WEATHER CONDITIONS

24292	COMUX BC DOT APT	54-63	SEP
STATION	STATION NAME	YEARS	MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-12		14.4				14.4	12.2	2.6			13.2	895
	<b>∪3−</b> 05		14.5				14.5	15.1	2.9			16.5	899
	c <b>6-08</b>	• 2	12.8				12.8	21.8	3.3			23.6	900
	09-11	- 1	9.7		-1		9.7	16.3	4.5			18.7	898
	12-14	. 2	11.2				11.2	10.3	3.9			12.8	892
	15-1 <b>7</b>	.1	13.8				13.8	10.2	2.2			12.2	892
	18-20		14.1				14.1	11.3	1.7			12.5	896
	21-23		13.2			_	13.2	12.8	2.2			13.8	896
	·	:			, 								
TOTALS	!	.1	12.9		•0		12.9	13.8	2.9			15.4	7168

1]1

#### **WEATHER CONDITIONS**

24292	COMOX BC DOT APF	54-63	1 3C
STATION	STATION NAME	YEARS	MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DCT	00-02		21.0				21.	22.9	3.4			24.2	930
	03-05		22.8				22.8	24.4	3.3			26.2	930
	06-08		22.7		-1	1	22.7	29.8	1.9			30.3	930
	09-11		22.9		-2		22.9	28.8	1.5			29.4	930
	12-14	.1	19.9		• 2		19.9	23.5	2.0			25.1	930
	15-17		20.6		.1		20.6	18.3	2.6			19.8	922
	18-20	.1	21.4	! i			21.4	20.1	1.9			21.0	925
	21-23	· •	19.9				19.9	21.3	3.0			22.5	928
	<u> </u>	<del> </del>	<del>                                     </del>	-									
		<u></u>	1	:									
TOTALS	1	-6	21.4	; 	.1	• 0	21.4	23.7	2.5			24.8	7425

#### **WEATHER CONDITIONS**

24292

COMUX BC DOT APT

54-63

NOV

STATION

STATION NAME

YEARS

HTHOM

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	. <u>.</u>	23.3		1.9		24.8	21.3				21.3	900
	03-05		23.0		1.7		24.0	20.9				20.9	900
	06-08		24.3		1.0		24.9	24.6			L. <u>-</u>	24.6	898
	09-11		23.4		2.2		24.4	28.3	•1			28.3	900
	12-14		27.2		1.7		28.1	25.7	1.1	.3		26.7	900
!	15-17	·	28.1		1.3		28.6	24.2	•9	.3		25.2	900
	18-20		26.0		2.3		27.2	24.2	•6			24.6	900
	21-23		25.8		2.4		27.4	21.9	.4			22.4	899
		·											
TOTALS			25.1		1.8		26.2	23.9	.4	1		24.2	7197

#### WEATHER CONDITIONS

24292

COMOX BC DOT APE

54-63

DEC

STATION

STATION NAME

VE 4 86

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	8LOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JEC	00-02	<u> </u>	31.9	. 2	2.9		34.2	26.2	• 5			26.2	925
	0 <b>3-</b> 05		32.0	•2	2.8		34.6	25.7	•2			25.7	930
	06-08		29.7	.1	2.7		32.2	23.8		i :		23.8	930
	09-11	!	28.8		2.6		30.9	25.2		L		25.2	929
	12-14	·	28.5		2.8		30.6	24.7	•2			24.9	930
	15-17		26.9	.3	3.2		29.4	22.5	• 3			22.8	930
	18-20	·	28.2	.3	3.2		30.8	26.2	•2			26.2	930
	21-23	<u> </u>	29.6	.3	3.1		32.7	24.8	•2			24.8	930
	•		<del></del>										
TOTALS			29.4	.2	2.9		31.9	24.9	•2			25.0	7436

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MATS) ASHEVILLE, NORTH CAROLINA

#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTES value is selected for that year. Means and standard deviations are computed when four or more values are present for any column.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
  - (1) Annual all hours combined
  - (2) By month all hours combined
  - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

STATION NO:	STATION NAME:	LATITUDE: LONGITUDE: BA	ROMETER ELEV FT CALL SIGN	: WMO NO:
24292	CCMOX B C DOT APT	N 49 43 V 124 54	75 CYQ	Q 72893
	STATION HIS	STORY AND WIND EQUIPMENT INF	ORMATION	
DATE OF CHANGE	TYPE OF STATION CHANGE	WIND EQUIPMENT LOCATION	TYPE OF T	TYPE OF HEIGHT ABOVE GROUND
1/1/54 thru 12/31/63	Comox BC DOT AFT weather station	Airport is located on the strait of Georgi coast 6 miles ENE of Courtenay.	Anemometer	n/a 63fT

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION SEC DET APT 54-63

ALL REATHER
CHASS
COMMITTEN

SPEED (KNTS) DIR	1 3	4 6	7 16	11 16	17 21	II 27	28 93	34 40	41 47	48 55	<b>`</b> 55	9/ /e	MIAN WIND SHEED
. N	1.0.	1.5	1.5.	•2.	•5.	•0	*			•		4.3	o∙0 4.9
NE .		.6. 1.1.	• 3				•					2.3	4.5
ENE	.3	.6	.4	0	_ ()						i	1.3	5.4
E	.7	.8	.6	.1	. 5	٥٠			*	•	,	2.2	5.6
ESE	. 4	.6	1.3	1.5	• 9	.4	•1	•0	•0.			5.2	12.7
SE	1.4	1.9	3.8	5.3	2.9	1.4	• 3	-1	•0	• ^		17.0	12.6
SSE	.6	•9.	1.5	1.3	•3.	•1.	•0.	. U				4.8	9.3
S	1.3	• 9 .	• 7	• 3 ,	•0	•_^ .	•0	t				3.2	5.6
SSW	•4	•3.	• 2 .	•1.	.•.9	•C.		1	:			1.1	<u> </u>
SW WSW	1.1	•7.	• 4	-1,				•	1		1	2.2	4.7
. wsw :	<u>7</u> .	. 5	• 2 .	• 0 ,	•		• 0 ,	}	ì		j.	1.5	4.5
. WWW	3.2.	1.5	•4	• <u>Q</u> .	<i>γ</i> , '	_		-	ŀ	:		5.3 7.3	3.7 5.0
NW '	2-8 3-9	<u>2.9</u> .	1.3. 3.2.	•2. 1.1:	•0	• • •	• 2		1		1	12.8	6.0
NNW	. 8	1.5	2.7	1.0	.1	• 0	• 2 .		•	. !	!	6.1	7.8
VARBL :	• • •	***			• •	• • • •	•	1	:	1	is	9.1	
CALM I					1	-	~			- x !		22.3	,
	19.7	20.8	18.9	11.4	4 <u>.•</u> .4	2.01	• <b>4</b> 1	1	•0	• 1		100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

87537

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMUX BC DOT APT STATION NAME

54-63

TEARS

JAN

ALL WEATHER

ALL

CONDITTION

SPEED (KNTS) DIR.	1 - 3	4 6	7 10	11 16	17 21		78 33	34 40	41 47	48	155	3/ '6	MTAN VEND SEED
· _ N	٠ .	.5	, ,	• 0								1.2	4.C
NNE	•6.	.1	ē	• • .		•			•	•		• 2	4.2
NE	•. <u>£</u>	.1	.0	•								. 3	3.8
ENE	• 1	.0	_	, ,	n i		•					. 4	7.3
	•2		· I ·	• <u>†</u> .	• •		•		•			• 9	5.1
ESE	•=2 :	-3	• 2		1 4	.9		- 1				5.0	15.8
SÉ SÉ	<u>. •</u> € -	.3 [	. 8	1.2	4.0	2.2	.5	.3	•			18.2	14.4
	<u>-</u>	1.4	3.4	5.4	4.0	.4	.2	•	•			5.1	11.7
SSE	6	. 8	1.3	1.4	• • • •		.0	• 1	•			4.7	5.7
· 5	1.9	, <u>c</u> , t	•9,	• 4	. • J.	• 1	• \		•	•		1.2	5.9
SSW	•6	<u>• 3</u> .	. •1.	•1,	•1.				;			2.6	4. C
sw	1.5	.8	.•3 .	• 0 ,			Α,			:		1.7	4.0
wsw	1.04	• 5 į	<u></u> .	•0			•0.		i	1		7.7	3.7
W	4.8	2.4	•5.	•1					i	i ,		9.0	5.2
WNW	3.6	3.1	1.8	- 4	•0.	• .	• t		ļ .	i l			
NW	3.5	3.4	2.7	1.1	-1,	• (			i			10.7	6.C
NNW	.4	.4	5	• 2	• Û.,				,	.		1.6	6.8
VARBL	1		) _ •						i .	٠. ا			
CALM		`~. `	`.><.	_×.	~~~		~	•	<b>≻</b>		~	29.3	
1	1.				,		•	•	<b>.</b>	i :	•		
L	20.6	15.7	12.9	10.5	6.1	3.6	. 8	. 4	:			100-0	6.2

TOTAL NUMBER OF OBSERVATIONS

7438

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292	COMOX BC DOT APT	54-63	FÉ6
		ALL WEATHER	ALL HOURS (EST)
		CONDITION	

SPEED (KNTS)	1 - 3	4 · 6	7 10	11 - 16	17 21	22 27	28 33	34 40	41 47	48 55	*56	%	MEAN WIND
DIR.	· i		1 .										21 FED
N	-8	1.0	.6	1.	• Ů.,							2.6	5.6
NNE	.5	. 3	.1									. 9	3.9
NE	.7	.5	-1	• C								1.3	4.2
ENE	.3	•2	.1	<u>.</u> 0	• C							. 5	5.1
E	.7	.7	.4	.2	.1	•		•				2.0	5.9
ESE	- 3	.5	•9	1.6	1.7	.7	.1	1		. ,		5.8	15.1
SE	1.1	1.7	3.1	7.3	4.8	2.3	.4	· .i	· io	•	,	20.8	14.3
SS€	7	.8	1.3	1.5	. 2	.1	.0	. ••				4.7	9.6
\$- S					.0		• •	•	•			3.4	5.5
⊢ SSW	1.4	1.0	. 8	<u>. 3</u> :	· · · · · · · · · · · · · · · · · · ·				1 .				
· · · · · · ·	.5	5	.3	0.								1.2	
sw	1.5	8	.4	.1.				•				2.8	4. <u>6</u>
wsw	. 9	,4	.2	C				:	į.			1.5	4.0
w	3.8	1.8	. 2	2.0								5.8	3.6
WNW	2.7	1.9	1.4		•1							6.7	5.6
NW	3.7	2.9	2.4	1.3		•Q		•	t .	. [	•	10.7	6.3
NNW	7.7	. 8	1.1	. 5				•	,	. ;	i	3.3	7.8
VARBL	• • •	. <u>• •</u>	+	. •	• 4				:		1		, • 0
l—	J	-	<b>+</b>	1 1				٠	1 .	·_ •	. 4	25.9	
CALM		, , ×	, ~~ .			· · · ·	~	, - *			_ ^	23.9	
Ĺ.	2C.c	15.9	13.3	13.6	7.5	3.1	.5	2	.0		,	100.C	6.6

TOTAL NUMBER OF OBSERVATIONS

6765

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

MAR

ALL WEATHER

ALL

CONDITION

SPEED (KNTS)	1 - 3	4 6	. 7 10	11 - 16	17 21	22 27	28 23	34 40	41 47	48 55	156	٥/,	M:AN WIND
DIR.	1.3	4 0	. , 10	11 - 10	17 21	//	.0	34 40	4. 4/	48 55	36	.'o	SPEED
N	1.2	1.4	1.3	.2	•.0							4.0	5.7
NNE	.6	- 5	. 2				· ·					1.3	4.2
NE	1.1	1.1	•3	.0			•					2.5	4.3
ENE	•3	.7	. 3	.1	•						ì	1.3	5.6
E	.6	. 9	.8	.2	•		•			•		2.5	5.9
ESE	.3	.4	-8	1.8	1.2	.7	.1	. 0			,	5.5	14.3
SE	1-4	1.7	3.5	6.7	3.7	1.9	.4	.1	.0	•		19.5	13.5
SSE	•5	1.0	1.7	1.7	• 5	• 2	.0	_	i i			5.5	10.2
s -	1.4	1.0	1.0	.3	-1							3.9	6.0
SSW	.5	.3	.3		. 1	. •0			,	:		1.4	7.3
sw	1.1	.9	.4	•1		* * * * ·	†		:	'		2.6	4.8
wsw	.8	.5	.2	.0	7.55					,	ì	1.5	4.4
, w	3.6	1.9	.4	. C	•	*	*		1	,	į?	6.0	3.7
, WVM	2.3	3.C	1.5	. 3	•0		1		1 1	,		7.1	5.2
N.W	3.5	3.0	2.7	1.3	. 4	•1	.0		1 .		+	11.1	6.7
NNW	.6	1.0	1.4	• 7		•	• •		,			3.9	7.7
VARBL		1.2.1.	127	* ' .		•	*		1	1		<b>J.</b> ,	
	· +		t1			1	•		1		ن.	20.6	
CALM	!!	. ~~~·			- T	- ,	^- t	~ ~ .	1 -1	-			
Ľ	19.9	19.3	16.9	13.6	6.2	2 <u>. 8</u> ,	.6	• 2	.0			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

7431

1210 WS JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS

224

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>COMO</u>	<u>х вс о</u> 0	T APT	-			54-6	3	÷ ·	YEARS				PR
OM .	_				ALL WE	ATHER							LL
					C1.	iss							
	~			·	·	ITION				-			
					•								
					,	,		r					
SPEED								1		48 - 55	256	%	MEAN
(KNTS)	1 - 3	4 · 6	7 - 10	! 11 - 16 :	17 . 21	22 27	28 - 33	34 - 40	41 47	48 - 33	- 30	/0	SFEED
DIR.			<u>-</u> -					†	İ	•		4.9	6.4
- NNE	1.0	1.7	1.7	4	•61	<b>.</b> ⊆,			<del>-</del>	1	.	1.3	5.3
NE NE	.8	1.7	.7	•0				1		1		3.2	5.0
ENE	.4	.7	.7	.0				1	† :	_	. 1	1.8	5.7
E	.7	1.2	1.1	.1	r İ				1	i		3.1	5.7
ESE	.6	.8	1.7	1.8	. 8	.5	•1	•0	1		. !	6.3	12.0
SE	1.4	1.9	4.4	6.6	2.7	.9	- 1	<u>•</u> 3	į.		!	18.1	11.9
SSE	.6	1.1	1.8	2.2	. 4	•1		1	Ì		}	_6.2 3.8	6.2
<u>s</u>	1.4	1.0	.9	.3		- 2		1.	1	<del> </del>		1.3	7.4
SSW	3_	. 3	.4	+ • 2				+	1	1		2.9	j.5
SW WSW	1.1	1.0	6	. 2				+			1	1.7	6.0
w -	3,3	1.8	.5	1		•	-	1	1	Ĺ		5.7	3.9
WNW	2.0	2.C	1.0		. <u>.</u> Ç			! !	1.	_		5.1	5.0
NW	3.4	3.7	3.1	1.2				1	1	į		11.4	6.1
NNW	.8	1.2	2.3	1.2	. 2.					•		5-6	8.4
VARBL	IL.	<del>.</del>	<u>-</u>	3.	į.				<b>.</b>	A	1	17.4	
CALM		$\sim$	$\sim$		1>		~	$\sim$	1-13-	-	<b>→</b>	11.4	
= =		7.		16.0		1.5	3		į	•		100.0	6.6
<u></u>	18.7	21.3	(1.0	14.8	4.4	1.02	. •_>		•				, -
									TOTAL NUA	ABER OF OBS	ERVATIONS		7196

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT API

54-63

YAM

ALL WEATHER

CADILIN

ALL HOURS HEST I

5.9 12.8 4.1 2.4 1.3 2.2 1.9 4.7 7.0 15.6 8.4	10.0 10.1 8.1 6.2 5.2 5.2 3.9 4.8
12.8 4.1 2.4 1.3 2.2 1.9 4.7 7.0	10.1 8.1 6.2 7.2 5.2 5.3 3.9
12.8 4.1 2.4 1.3 2.2 1.9 4.7	10.1 8.1 6.2 7.2 5.2 3.9
12.8 4.1 2.4 1.3 2.2	10.1 8.1 6.2 7.2 5.2
12.8 4.1 2.4 1.3 2.2	10.1 8.1 6.2 7.2 5.2
12.8 4.1 2.4 1.3	10.1 8.1 6.2 7.2
12.8 4.1 2.4	10.1 8.1 6.2
12.8	10.1
	10.1
3.3	5.8
2.5	5.7
3.8	4.8
	6.5 5.8
	54 EE D

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

92	COMO	X BC DO	TAA T	NAME			54-6	<u>3</u>		YEARS				UN
11011		_					ATHER			-				LL
		-				сом	DITION -		-				•	
Г	SPEED	<del></del>		į										M
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	>56	%	<b>V</b> 56
ļ	N	.9	1.9	2.5	.4	- ···-·							5.7	
-	NNE NE	6	2.G	•6 •9	<u>•</u> 0						1 :		3.8	
	ENE	.8	1.1	1.3	.0 .2								1.8	
t	ESE	.5	1.0	2.5	1.9	.6	- 1	• 0		ļ	+	-	6.5	3
-	SE SSE	1.4	2.5	5.0 1.5	1.0	1.2	<u> 2</u> (		<u>. )</u>		• •	- •	14.3 4.3	
F	s ssw	1.0	• <u>8</u> •3	.5	• 2 • 1	•0		_					2.5	
-	sw	•5	.7	•2 •6	.1	.0							2.3	
-	wsw -	2.2	1.4	- •4 •5	•0					j		- (	1.8	
+	WNW	2.3	3.2 6.5	1.2	<u>.1</u>	1	<u>.</u>						6.8	
‡	NNW	.8	2.5	4.0	1.7	. 2			† = = •·····		t		9.2	
-	CALM		$^{+}$ $\sim$		· ><	1 7 2 2	• · · · · · · ·		><			· ×.	13.9	
=		18.1	27.3	27.0	10.9	2.4	.3	• C	۔ وو	1	1	,	100.0	
										TOTAL NUM	BER OF OBSE	RVATIONS		7

DATA PRUCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

TEARS

JUL

ALL WEATHER

ALL HOURS HEST I

CONDITION

									TOTAL NUM	BER OF OBS	FEVATIONS		7426
	18.0	28.C	29.7	9.5	1.5	. 3	<u>• 0</u>	l	i		•	100.0	5.9
CALM	-><-\		1.	1-	- ~	<b>+</b>	+ 1	1	4	1	۲	4	
VARBL		-	اسر ب	ا در ب			1 **	٠. بر	1 -	1	1 ~	13.1	
NNW _	1.1	3.6	7.9	2.8	. 3	. •€	•	•		·		. = l.	
NW	5.1	8.0	6.0	1.7	• <u>1</u>			4		1	1	15.8	8-2
WNW	2.7	3.4	1.4	• 1				1	}	}	1	20.8	6.0
w	1.7	. 9	.2					•		į		7.6	4.8
wsw	.4	. 3	1.			,	1		1			2.9	3.7
sw	.6	. 4	_1						į	i	:	1.2	4.2
- ssw —	.3	.2	1		<u>.</u> 0				i	ļ			5.3
· s	• 7	5	4	. 2								1.9	5.8
SSE	1.3	1.8	1.1	.6		*-		1		•		3.1	7.4
ESE SE	- <u>•3</u> +	7	2.4 3.8	2.5	.6	.2	-0	1			,	10.2	9.2
E .	.7	1.0	- 3-6		. 4		•	•				4.9	9.6
ENE	-4+	1.2	<u></u> .	_ 🛂	•				*		•	2.4	5.2
. NE	.8	1.7	• 6	٠.							i	2.2	5.4
NNE	•3	. 8	. 5.	• 0 1						:		3.2	4.9
N	<b>.</b> 9.	2.7	3.8	•4.	• C .				•	•		1.6	5.6
DIR.												7.7	6.7
(KNTS)	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	"f.e	97	WIND
SPEED												2/	4 (815)

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT API 54-63

STATION NAM! STATION NAM!

ALL WEATHER

CLASS

CLASS

AUG

MONTH

ALL

HOURS (LST)

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN
DIR	·i		 			!	1						SPEED
N [	1.3	2.8	2.9	.3		İ	1	1				7.3	6.1
NNE	• 5	1.1	.6					1				2.2	5.2
NE	1.0	2.0	.7			*		i 				3.6	4.8
ENE	.5	1.1	. 7	.0		1	1	L				2.3	5.5
E	.9	1.0	•9	.1		<u>:</u>			i	i	_	3.0	5.6
ESE ji	.5	. 9	1.6	1.1	. 3			ļ.,		_	1	4.4	9.0
SE	1.7	2.2	3.6	3.2	. 8	-1	ļ	; }		L i		11.6	9.0
SSE	-6	•7	. 8	. 5	.0	İ	4	ļ., · ·	1			2.6	7.0
. s	7	.5	• 3	.1	0	ļ	ļ ļ	<u> </u>				1.7	5. Q
SSW	2		.1		+~	: +	<u> </u>					<u>.</u> 4	4.6
SW	.5	1			L		i	<u> </u>	ļ <u>.</u>	i - j		• 7 ,	3.7
wsw	-4	3				<u> </u>		ļ ··				7	3.9
w	2.5	1.1	2	0			-	:		<u> </u>		3.8	3.5
.wnw	3.6	3.2	1.0	2				1				7.8	_4.3
NW	6.3	6.2	4.3	. 6	C	1	1					17.4.	
NNW	1.3	2.5	4.9	1.1.	. •Q							9.8	7 <u>.3</u>
VARBL	٠	. ,	+ .		-		1 -	ε .	ļ. , ,			1+	_
CALM	><.[	J2×5.	<del></del>	<_	7	-		,-><\ <u>.</u>			×.(	20.7	
1	22.4	25.8	22.7				1			'	~ .	100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

7434

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT

54-63

YEARS

TOTAL NUMBER OF OBSERVATIONS

SEP

ALL WEATHER

ALL

7168

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 21	22 27	28 23	34 40	41 - 47	48 99	*56	%	MEAN WIND SPEED
N	1.8	2.4	L.7	.1		•			•			6.0	5.4
NNE	.7	.8	.2	• •		•	•		•			1.7	4.3
NE -	1.7	1.2	.2					•				3.0	3.9
ENE	.6	.7	- 2	•		•			•			1.5	4.5
E	1.1	-8	- 3	. 1		•	•					2.3	4.1
ESE		•5	1.1	1.1	.4	.1	• • • •	3		i .		3.9	10-5
SE	1.8	2.4	3.8	3.6	1.5	.6	.1	· .ɔ				13.9	10.4
SSE	.7	7	1.3	.8	.1	.0	•	•	1	i		3.6	8.0
-s	1.1	-4	. 2	.1			•	•		1		1.8	4.5
ssw	.3	• 1	1 -1			'	•	•	Ī	1		. 4	4.1
SW	.6	• 3	1 .1	• 0		•	<b>*</b> -			i		1.0	4.
wsw	Ž	. 2	.1		•	1						.7	3.
w -	2.4	1.3	3		•	•	•	•				3.9	3.
ww	- +	3.5	1.4	2	. 0	!		• • •				8.7	4.
NW	3.6 4.3	4.2	3.0	1.0	. 2	. 0						12.7	5.1
NNW	.8	2.4		1.4	.1	.0	•					8.2	7.1
VARBL	• • •	6.9.7	<u> </u>		, •-		!	•	1	;		li .	
CALM			+	' >< -	+	٠ -	. *_	1				26.5	
·	22.2	22.0	17.4	8.6	2.4	i i •8	. 2			1		100.0	5.1

1210 WS JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25.4

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CDMO	X BC DO	TAPT	C NAME			54-6	5.3		YEARS				CT
					ALL WE	ATHER							LL
	_				con	01 <b>1</b> 10 <b>N</b>				-			
SPEED (KNTS)	1 - 3	4 · 6	7 - 10			; · i : 22 · 27	28 - 33	j 34 - 40	41 - 47	48 55	56	%	<i>N</i>
DIR.				ļ		• -	+	i					S
N	1.3	1.1	.7	2			• •= •••		i		Įį.	3.2	
NNE	.5	.4	<u> </u>	ļ				ļ.	:		!!	<u>1</u> .0	
NE NE	1.2	-6							į.		1	1.9.	
ENE	.4	-4	.1	<del>-</del>			†	ļ.		·	:	• 8	
ESE	.5	-6	4	0	•0	· • c	· ··· —	·	1	ļ .	<u>}</u>	<u>1 • 0</u> ·	]
SE	1.6	2.0	4.8	6.7	4.2	1.8	2	0		•	ł	21.5	
SSE	-8	1.1	1.8	1.7	•2	.1		<u>•</u> ♥	1	1	11	5.7	
s	1.1	1.2	.6	• 2	.0		<b>↓</b>	ı	<b>\$</b>	: [	1	3.0	
ssw	.4	•2	•2	-0		i	t ·	·- ·	1	i 1		• 8	
sw	1.0	.4	.3	.1			†	+ 	1	t		1.8	-
wsw	.8	.4	.1	.0					-		i i	1.4	
w	3.1	1.5	.4	+	`	i .				1 - 1	1	5.0	
WNW	2.6	2.9	1.0	.3			-	1 •	]			6-8	
NW	3.7	3.3	1.9	.6	. <u>. I</u>						Į.	9.6	
NNW	.8	1.1	1.3	3	1				į		. #	3.6	
VARBL	├ <u></u> *		· •	ا بر ا	٠ .	ŧ	1,		ري	<del> </del>	1	ا م څخه	
CALM		><	_><:			· ~					_ ~ .	27.9	
	20.1	17.7	14.5	11.4	5.5	2.5	.4	.1	İ		A.	100.0	

TOTAL NUMBER OF OBSERVATIONS

7419

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

HOURS ILST)

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 \_\_ COMOX BC DOT APT

54-63 NOV

ALL WEATHER

CONDITION

SPEED (KNTS)	1 - 3	4 6	7 - 10	11 16	17 21	27	0 <b>a</b> 33	34 40	41 47	48 55	*56	%	MEAN WIND ScEED
DIR.		· •										1.4	4.4
N	•7	.5	. 🛂 .	÷ Å .	•							. 4	3.7
NNE	• <b>2</b>	. 2	. 0					•				1.0	3.6
. NE	6	• <u>3</u> .	1		٠							. 3	3.8
ENE	• <u>2</u> ,	•1		.0								1.3	4.5
, E _	.7	. 4	.2	<u>•</u> 0			1	٠ ،	.0	,		4.8	14.6
ESE	.3.	4	. 6	1.6	1+2		• •		ē	.0		21.1	14.6
SE _	1.5	1.5	3.3	6.6	4.5	2.6	• (	· •5	. •			6.2	9.5
SSE	<u>.8</u> .	1.0	1.9	1.9		• 1 .		•	-	•		4.5	5.3
5	1.7	1.4	1.2.	, • <del>2</del> .				•	į	•		1.6	5.7
SSW	5	5	. 4	. <b>)</b> .				•	1	. —		2.8	4.2
sw	1.3	1.1	.3	. •Q.				· -		i t		1.9	4.4
wsw	.9	.6	. 3	. O.			:	1	}	1		6.4	3.6
w	4.1	1.9	• •	.0,				1		1		7.4	5.7
WNW	2.5	2.8	1.4	5	. • <u>l</u> .	•0,	•0	+				8.3	7.3
NW	2.4	2.2	1.8	1.4	• 5 .	. • <u>1</u> .,	,	1	-	} }		2.1	7.2
NNW	.6	.6	. 5	• 3	. 1	•9		•	1			;	
VARBL			Ĺ		. ,				1.	ł_		28.7	
CALM	1	<u></u>	$\sim$		7	>~	×	1			_	2001	
LE.	1	•	1	-			f	, 	1	1 0!		100.C	6.5
	19.0	15.4	12.6	12.9	6.9	3.3	9	3	1 .0	.0		100.0	J• J
L	<u> </u>								TOTAL NUM	BER OF OBSE	RVATIONS		7197

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION	COMO	X PC DO	T APT	NAME			54-6	3		YEARS		_ <del>_</del> ·		EC ONTH
		-					EATHER							. <b>L.L</b>
		~				cor	NOTTION							
		-												
	SPEED	T	1				•	r -			:			MEAN
	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
	DIR.	1			1	1			r		j.			SPEED
	N	.4	.3	.1		<u>+</u>	1 .		i	Ì			. 6	4.2
	NNE	.1	<u>•0</u>				i		1				•1	3.3
	- NE	2	.1	.0		L	+			ł			3.	3.6
	ENE	1	.1	1		1 2	ļ	4		•	ļ · -	4	• 3.	4.8
	E	- 3	•2	1	- 0		·	ļ <u>.</u> .	1	^	1	+		5.1
	ESE SE	-3	. 3	3	1.3 7.1	1 1.6	1.2	, <u>• 2</u>	ļ • <u>3</u>	1 -5		· · · · -	5.2	17.1
	- SSE	1.1	1.5	2.7		5.7	3.7	<u>6</u>	- •1	-0			22.6 6.1	15.5 10.2
	s -	1.9	1.0	2.0	2.0			•0	ļ	ļ			4.7	5.3
	ssw	.6		• 3	1	+		L •.9	t		†		1.5	4.9
	SW	1.6	.9	<u></u>		ļ	· * · · · · · ·	<u>†</u>	†				3.1	4.6
	wsw	1.4	.7	. 2	.0	1	+	t	†····			1	2.4	4.0
	w	4.5	2.1	4	.0			. =		1			7.0	3.6
	WNW	3.1	2.9	1.3	3		j						7.6	4.9
	NW	2.8	2.9	1.5	9	1					l	1	8.2	<u>5.7</u>
	NNW	. •5	5	3	. +2	•0		,		!			1.5	6.0
	VARBL	<u> </u>			1 .			1.		L - ,	Į		) - <u> </u>	
	CALM	<b> </b>	_>< !	_><_				~	· - × .	_><			27.9	
	=:-:-	• • • •	, , ,	• •		: 70					1	T -	100	_ :
	L	<u>19.5</u> ,	15.5	10.8	12.4	7.9	5.9	ı <u>.</u> 8	2	. •0			100-0	6.8

TOTAL NUMBER OF OBSERVATIONS

7439

1210 WS FORM 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

93C

TOTAL NUMBER OF OBSERVATIONS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

792 CO	MOX	80 00					54-5	3	-					AN	
TATION			STATION	. NAME		ALL WE				TEARS			cano	-0200	
						" с	LASS						HOURS	1 S T )	
						CON	DITION								
SPEEL	0													M. AN	
(KNTS	5)	1 - 3	4 6	7 - 10	11 16	17 21	22 - 27	28 33	34 4C	41 47	48 11	15.5	91	WIND	
DIR.	. 1													5+ EED	
N	([	1											. 1	3.0	
NNE	- #														
, NE		_ ·	4										1 - 2 -		
ENE		•1			. ,						1		• 1	3.0 3.€	
E	}	•1.					ا نا						<u></u> .		
#SE	_ #		• <u>2</u>	. 5	• 4	1.4		• 1	1				3.3	17.0	
SE	- 1	5	. 9	2.9	<u>6</u> •1.	3.5	, i.,	1	.5				17.4	15.6	
		• 4	• 4	1.3	1.2	8	<del>. •</del> • .	• 3	.2				5.1		
. S		1.8	. • 9	. 6	, • <b>2</b> ,		. 3:			1			1.5	6.3 5.7	
SSW		. •6.	<del></del>	• 2	• 2 ,				+	ļ			1.5 2.5	3.4	
sw sw		1.6	.8	-1	, ,					}	ŧ	,	2.6	3.6	
wsv		1.7	.8	• 4					-		i		10.8	3.8	
· · WNV	<b> </b>	7.0	2.9	. 8	, • <u>1</u> ,				:	į	<u> </u>		11.6	5.4	
NW	- 13	3.5 2.2	2.9	2.4		. 2	·		+	1	1	i .	8.6	6.8	
, NNW	- 11	•3	<u>6.9</u>		. <u>1.1</u>	• 6	. •1 j			1	i	1	3.8	5.6	
VARE	- 14	• 3	. 2		• • • •				•		L.	1		7.0	
CAL		*		• 		~	l L		. ي	. 💆	<b>*</b>	1	32.4		
CAL	л II-	< ^ ·	. ~ ~ ·				, ,	· • ·	1	<b>∤</b>	1	¥ "	1	:	
	- }	23.1	14.7	11.2	10.1	5.9	3.3	1.4	. 9	1	1		100.0	6.l	

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 26801

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KOMOS	60 DO1	APT				54-63	-, -		EARS				AN NTH
		STATION	NAME -	A	LL WEA	THER						0300 Hours	-050
					CLASS								
					CONDIT	ON							
						,	1				<b>n</b>		MEA
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21 ' 2	22 27 :	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIN
DIR.					1		- +		ļ			1.	3, 3,
N	.1						!		}			• 1	-
NNE			- •	Ì		:	_1		·		-	.1	3
NE NE	.1		:	, '		** *	- :		į			.1	13
ENE E		.5	- 1 j		i	1			•			- 8	4
. ESE	## ;	.1	1.0	. 2	. 9	1.1	• 3	-1	į	1 :		3.7	18
SE	.6	. 8	1.8	6.0	2.7	3.3	8	. 2	Ì	-		16.2	10
SSE	-1	1.0	1.2	1.6	_•2	• <u>• •</u> i	•2	1	ļ.	1		4.8	
. 5	1.6	1.0	1.3	• 9		• <u>•</u>	+		İ	1		1.3	
\$ W	•6.	.9	-1.	-1.			1		ţ	+	· -	2.3	
5W W.W	.6. 1.2.	• 5 :	•6	•	•		.1		1		1	2.0	,
w	5.9	3.4	.4		i					1		9.8	
V.N.V	3.2	5.2	3.1	• 2	• i	-1,	-1	i		ł	l	12.0	
N.A.	4.1	2.4	3.0	- 8			-		i	†	-	.5	
I NAM	. i	1.	3	•1.				•	1		1	h ser.	
VA * 8:	· •	<b>\</b>	_	, w.	-	- :	<b>×</b> (	, ×.	1-	<u>,                                     </u>	<b>*</b>	31.2	
•	18.5	16.2	13.2	10.0	3.9	5.1,	1.5	.4	1	,	:	100.0	
	.0.2			. =	•	•			-0741 5014	ABER OF OBS	EBVATIONS		
									IOIAL NON	NOEK OF ODS			

DATA PROCESSING DIVISION

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 \_\_ COMOX BC DOT APT

54-63

- FARS

ALL WEATHER

SUNDITION

JAN

0600+0800

DIR.	1 3	4 6	7 - 10	11 16	12 . 21	.2 27	28 ->:	34 4:0	4" 4" 48		-,	V. AN V. NE FEE
NNE	• • •										- 1	4.
NE	,	j					•					
ENE F												
ESE	• <u>•</u> • • • • • • • • • • • • • • • • • •		<u></u> .								. 2	6.
SE		<u></u>	3.7	T+3	1.0	1.2	•3	•2			5.3	18.
SSE	.1	1.2	1.3	4.0	3.4	2.4	• 6	•?.		4	14.8	15.
S	2.0	1.3	1.0	1.1	. •2	•6.	•1	•2	4		4.8	12
SSW	-6	-4	-1	• 4 .		•					4.4	4
Sw #	2.5	3	-1	• <u>2</u> .					!		1.2	4
wsw	1.0	-51	•1	• 🚣 ,					Ì	4	3.5	4
w	5.5	2.4	. 8	• 2			1	į.		:	1.6	3.
WNW	6.2	4.9	2.8	. 2						1	8.8	3
NW .	3.8	3.4	2.2	. 8	• 1.		•		1 .	-	14.3	4.
NNW		•1	4	• •	• 2					ļ	10.3	5.
ARBL I		<b>-</b>		•		•		}			. 5	7.
ALM	.) حج	~		~~		~ :	~				30.0	
į)	22.	15.7	12.9	7.8	5.5	4.3	1.1	.6	1	•	# 190.0	6.

TOTAL NUMBER OF OBSERVATIONS

930

1210 WS FORM 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0524

ALLIED/EGRY BUSINESS SYSTEMS

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION STATION NAME

ALL MEATHER
CLASS

CONDITION

CONDITION

SPEED MEAN (Kh 'S) WIND 256 DIR. 3.5 6.0 NNE 5.0 NE ENE Ę <u>.</u>6 SE . 8 SSE 2.0 s SSW W5W w 2.4 10.5 WNW 4.0 12.5 NW Lel. 3.8 6.8 .8 VARBL 27.6 CALM 100.0 6.3

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

TEARS

JAN

ALL WEATHER

1200-1400

CONDITION

SPEED (KNTS)	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 40					MEAN
D:R.	1		i	,			20 33	34 40	41 47	48 5%	*56	%	VHIND SHEED
N NNE	1.6	1.8 <sub>1</sub>	3	1								3.9	4.3
NE	- 5	- +						•				1.0	3.6
ENE	• 6	. • <u>5</u>	• 2					•				1.4	4.0
, E	. 9	. •2	<b>_3</b> ,	1	-			•	,			1.5	4.9
ESE	. 8	. Lel	•.5							•		2.4	4.7
. SE	.4	. 1.2	1.1	1.8	1.5	. 3	.1	•		•		6.5	12.5
SSE	2.2	2.9	3.4	6.5	5.1	1.9	• 2	.4				22.6	13.2
. S	<u>.</u> ₿		1.0	1.8	• 3	. 4	• 2		•	•		5.4	11.4
. ssw	2.4	. 1.4	1.0	- 3	•1				•			5.2	5.4
SW	. 2		•2	• 3 ,	•1							1.0	9.2
WSW	.8		-1.									1.3	4.2
w	•.5		,						•		1	1.0	3.3
. WNW	1.4	. •8;							,			2.2	3.2
NW	3.3	1.3	•9.	•6,				:	•	:		6.1	4.9
NNW	4.2	4+2.	3.4	2.3.	•1.				•	į		14.2	6.5
VARBL	1.1,	1.7	1.2.	•4,	-1				•			4.5	6.4
		- +	,						•	i		,	<b>0.</b> 4.
CALM	_>				, - ×	٠.	~ :	_ ~ ;	• • • • • • • • • • • • • • • • • • •	~ <u>~</u> †	- 1	20.1	
L !	21.6	19.4	13.7	14.3	7.3	2.7	•5	.4	+		į	100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

930

1210 WS FORM 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

524

ETAC. USAF

DATA PROCESSING DIVISION

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

54-63 JAN MONTH 1500-1700 ALL WEATHER CLASS CONDITION SPEED (KNTS) 22 - 27 **₩**IND SHED DIR. 3.6 N NNE 5.0 3.3 NE -1 9.6 ENE 5.1 Έ .5 .6 .8 ESE SE 12.8 SSE S 5.1 1.8 8.6 SSW .4 SW 4.2 3.3 w 3.5 1.6 5.0 WNW 4.1 2.2 5.5 NW 4.3 3.6 11.2 NNW VARBL 27.0 CALM 6.2 22.3, 14.7; 13.3, 12.3 100.0 TOTAL NUMBER OF OBSERVATIONS 929

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT 54-63

ALL WEATHER CLASS

CONDITION

SPEED (KNTS)	d - 1 3	4 6	7 10	11 16	17 21	.2 27	28 33	34 40	4' 4"	4 =			٠.
DIR .	l)												
N	1	• 2		-1								. 3	7.3
NNE	.1		•	•	·							. 1	1.0
NE		•											
ENÉ	4			• 3								. 3	13.7
E	.3	.1	.2	.1								. e	6.6
ESE	.2	• 3	1.0	1.8	1.5	•9						5.7	14.8
SE	1.0	1.8	4.2	4.5	4.0	1.8	.4	.1				17.8	13.7
SSE	.9	1.2	1.4	1.3	• 2	.3	.1					5.4	9.6
SSE S	2.2	1.3	.5	• 2			-1					4.3	5.1
5SW	.8	• 2	• 3	•2	-1,				i .			1.6	6.3
SW	1.9	• 9	• 5									3.3	3.9
wsw	1.1	•8	.1									1.9	3.9
w	5.1	3.0	.5		1							8.6	3.7
WNW	3.2	2.4	1-1					,				6.7	4.4
NW	3.4	2.2	2.3	1.2	. 1				1		1	9.1	6.2
NNW	.3		. 2	. • 3 .	.1						1	1.0	9.0
VARBL	II I		[		- ,			,	ن ا		ĺ.	)	
CALM		>			,>~	4.	•	<b>-</b>	J. *			33.^	
F	20.4	14.3	12.4	10.1	6.0	3 • C	6	1	1			100.0	5.7
·- · ·	-							1	TOTAL NUMBE	R OF OBS	ERVATIONS		930

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION COMOX BC DOT APT 54-63 JAN WEATHER 2100-2300 CLASS HOURS (LST) CONDITION MEAN (KNTS) 22 - 27 ≥56 WIND SPEED N 3.3 NNE ENE 10.0 .1 F 5.3 €S€ SE 4.8 SSE .6 - 6 11.1 5 1.8 6.8 SSW SW .5 wsw 1.2 • 2 .1 2.0 w 1.9 2.8 WNW 3.1 1.6 . 3 7.0 NW 3.5 . 8 9.8 6.3 NNW 6.2 33.5 CALM 18.5 14.5 12.9 .2 100.0

TOTAL NUMBER OF OBSERVATIONS

929

DATA PROCESSING DIVISION ETAC, USAF ASHFVILLE, N. C. 26801

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

845

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

292 STATION	<u> COMO</u>	X BC DI	TAPT	NAME			54-6	3		YEARS				ER ONTH
		-				ALL WE	ATHER							-0200
						сом	DITION							
	SPEED {KNTS}	1 - 3	4 - 6	7 - 10	,	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
	DIR.	.1			• ·				<u> </u>		<u> </u>		-1	SPEED 3. (
	NNE NE	•1				 			<u> </u>	<u>:</u>			• 1 • 1	2.0 3.0
	ENE - ESE	.4	•2	.6	1.2	1.3	Ā	.ī	.1	-	-		1.3	7. 15.
	SE SSE	-4	1.1	2.6	6.2 2.1	5.4	2.2	1	.4			• 	18.3	15.1
	s ssw	1.3	.8	1.4	• •							_	3.4 1.9	6. 2 4. 4
	sw wsw w	2.6	•6	•1					ļ				3.3 1.4 10.9	3. 3 4. (
	WNW	7•3 3•6 3•0	3.2 2.7 3.1	2.8	.1 .8	•1		•	<u></u>			-	10.1	3.4 5.9 5.9
	NNW VARBL	.4	• 2		. 2		•	• •		-	†   		1.2	7.0
	CALM	>> .		ا العند		×	, 	. ~			1	* ~ 1	29.8	
	L	21.8	13.7	11.6	12.2	7.0	3.2	. 2	. 5				100.0	6.2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

ALL WEATHER

FEB 0300-0500

SUNDITION

<u>}</u>	19.6	13.4	11.5	12.4	7.1	3.0	• 5	1	.1	:		100.0	6.1
CALM		>	_><\		<u> </u>	. /*<	~	<u>-</u>			` ` `	32.4	
/ARBL			-									. 5	14-0
NNW			2	• • • • • • • • • • • • • • • • • • • •	.1			-				10.9	5.6
NW	4.3	2.6	3.1	<b>*</b>	. 2	- 1		•	<del>!</del>			10.8	5.
wnw	4.0	3.1	2.1	<sub>1</sub> ·			1	i .	! +		-	7.8	3.
w	5.6	2.0	1		· ·	-	1 .	ļ	l i	ĺ		1.2	4.
wsw	.6	1.2	5	· • • •		1		↓ _	ļ į	İ		3.8	4.
SW	2.C	5	• 1		-		<b>4</b>		1	1		.7	5.
SSW	1.5	1.2	_ •5	. • I.					, ,			3.3	4.
SSE	.4	8	1.1	9	• 4	. 1						3.7	9.
SE	6	1.2	2.4	7.0	5.1	2.5	. 4		1			19.1	15.
ESE	-2	. 2	5	1.5	1.1	2	1	.1	:			4.0	15.
E	.4	•2	.5	.1	.2		•	•	•			1.4	8.
ENE	1			.1								• • •	13.
NE				.1				•				. 1	11.
NNE			26				•	•				- 2	9.
N	·· •		,	:									SFEE
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	18 3	34 40	41 47	48 hg	156	%	WIN
****	li .												MEAL

TOTAL NUMBER OF OBSERVATIONS

846

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	DX BC DO	T APT	N NAME		-	54-6	3						E E
		STATIO	N NAME		ALL M	EATHER			YEARS				-08CG
		_	***			LASS				_			5 /L 5 7 )
					co	EDITION	-						
SPEED	1	· · · ·			3		-	l .	1	:			MEAN
(KNTS)	1 - 3	4 6	7 - 10	11 - 16	17 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
DIR.		ļ <u>-</u> -	ļ	ļ	<b>∔</b>	·					}		SPEED
- N NNE		- 2	<del> </del>			+		!	1	+	[	· · · · · · · · · · · · · · · · · · ·	4.0
NE NE			;	ļ   -	ļ	i		1 .					7.0
ENE	- <del> </del>	ł	ļ <u>1</u>	·	.1	†			-	f !		- : 1	17.0
F	.1	.4	† <del>-</del>		÷			ŧ		!	+	5	4.3
ESE	•2	•6	1.2	1.1	1.4	.6		<u></u>	1		1	5.1	14.0
SE	.9	.8	2.7	7.2		2.2	•2	† · - ·	-	1 1		18.2	14.6
SSE	.4	.5	1.7	1.2	.1	1	.1	1			]	4.C	10.4
S	.7	1.8	.2		Ţ			1	1	I	Ï	2.7	4.6 4.2
\$sw	B	.5	.2	,	1	·	· ·			l		1.5	4.2
SW	1.7	9			į.			1	ļ		1	3.1	4.0
wsw	1.2	9	2		į	·						2.4	3.9
w	5.9	2.5	.1	<u> </u>		į		+				8.5	3.4
WNW	4.3	3.7	2.5	1.1	• 1	4		· -	}	ļ ļ		11.6	5.6
NW	3.7	2.7	2.1		. 5					ļ ļ		9.7	6.0
VARBL	_# • 1	-2	5	1	i		•	•		t Ì	1	•9.	7.8
		+	<u></u>	1.	1	•	L.		·	<u> </u>		31.2	-
CALM		<u></u> ->< .	<b>↓-&gt;&lt;</b> -	· · · · · · · · · · · · · · · · · · ·	\ - X	7:	~	,		, ~	_ ^	31.6	
	20.1	15.7	12-1	11.3	6.3	3.0	_4	1	i			100.0	5.8

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

FER -

ALL WEATHER

CONDITION

0900-1100

		-							OTAL NUME				84
1	19.3	16.3	14.4	13.1	8.5	2.6	.5	1			1	100.C	6.
CALM	>			<b>×</b> .		, - ,	<b>^</b>	. • .	- ~	<u> </u>		25.2	
VARBL			·		•								
NNW	.7.	1.4	1.3	. 7	. 2	•			-			4.4	7.
NW	3.9	4.1	3.0	1.7	. 4							13.0	6.
wnw 🖁	3.5	1.5	. 9	.4	.1							6.5	4.
~	2.4	1.9	.6	·		• •			İ	i		4.8	4,
wsw	1.1		-2						ĺ			1.3	3.
sw	.7	.5	.4		.1	•			· L	1 — [	i	1.7	5.
ssw	. 4	.1	•2						Ì			. 7	5.
S	1.5	1.3	.7	.4								3.9	_5.
SSE	.8	.7	1.5	1.4	. 5					ļ •		5.0	9.
SE	1.2	1.4	3.5	7.4	5.2	2.4	. 5	.1	!	į L		21.7	14.
ESE	.5	.4	1.2	. 9	1.7	. 2						4.8	13.
E	.6	.2	. 5	.2	. 1	` !				i		1.7	7.
ENE	•1	.2		]			•					4	3,
NE	-6	.7		ì								1.3	4.
NNE	•2	.4	1			· ··· •				1	•	. 7	4.
N	1.1	1.4	•2		•2				,			3.0	5.
DIR.	. •												SPEE
SPEED KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 27	28 33	34 - 40	41 - 47	48 55	*56	%	MEAI WIN

50524

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	COMO.	X 8C DO	T APT				54-6	3		YEARS			F	E 5
			31211011			ALL WE							1200	-1400
						cı	ASS	_					HOURS	·1 5 7 )
						con	DITIGN			·-				
											-			
_													<del>.</del> .	-
- }	SPEED		,								!			MEAN
(	(KNTS)	1.3	4 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
L	DIR.	Li	<u>.</u>						1	+				SPEED
Γ	N	2.0	4.1	2.8	.7		i			i			9.7	5.9
	NNE	2.2	1.5	.4	] .								4-1	3.9
	NE	2.5	1.8	- 6	1				1	1			4.9	4.0
Γ	ENE	1.1	.5	.4			1 .						1.9	4.4
ſ	E	1.9	3.0	. 9	.2	.1				1			6.2	5.3
٢	ESE	.4	.9	1.3	2.4	2.1	1.2		1	i	1		8.3	14.1
ľ	SE	.8	1.5	4.1	2.4 9.5	4.9	2.4	.2	.1	1			23.6	14.0
-  -	SSE	.4	1.5		1.8	-1	. 4			] .			6.0	9.9
ì	s	.7	7	. 7		.1			1	i	1	1	2.2	6.2
Γ	ssw	.1		• 2	.1	1						l	.5	8.5
ľ	sw		i	. 4	. 1	-1	i _		<u> </u>			i	.6	12.2
Ï	wsw	.2	•2			1					İ		•_5	3.5
ľ	w	.9							l				• 9	2.6
	WNW	.5	•5	. 1	1	4				1.			1.5	8.3
Γ	NW	2.6	2.8	2.2	1.8	. • 5			i				9.9	7.4
	NNW	1.5	1.8	3.3	1, • 3	7				}	1	}	8.6	8.3
ì-	CALM		٠ _ ٠	- ~:	1	t		*.				ļ.,	10.5	
Ŀ	=	1	+			!	†	•		1	4 .	<b>r</b>	∦ :   <b>1.00</b> €	
Ĺ		17.9	20.9	19.4	18.0	9.0	3.9	2	.1	1			100.6	8.3

TOTAL NUMBER OF OBSERVATIONS

845

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX &C DOT APT 24292 STATION 54-63 FEB MONTH ALL WEATHER 1500-1700 SPEED MI AN KNTS 10 DIR. or ÉED Ν 4.9 NNE 1.9 3.3 NE 3.9 3.8 3.2 ENE ESE SE SSE 5 5.8 ssw SW 4.9 wsw  $\frac{1}{1}$ 3. Š •5 ٠,1 8 4.8 WNW .8 • 5 -1 5.6 N₩ 2.8 2.6 2.0 • 9 6.7 NNW 8.4 7.0 VARBL 17.7 CALM 23.7, 18.4 15.7, 15.1 9.1 2.11 100.0

TOTAL NUMBER OF OBSERVATIONS

846

1210 WS JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/LGRY BUSINESS SYSTEMS

75

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION COMOX BC DOT APT 54-63 FÉo 1800-1000 ALL WEATHER CLASS CONDITION SPEED (KNTS) WIND DIR. SPEED 6.1 7.0 N NNE NE 5.8 ENE 8.5 ε 6.4 2.0 ESE SE SSE s SSW SW WSW w 10.9 NW 6.3 NNW VARBL 29.8 CALM 100.0 19.4, 14.4 | 11.0 | 14.3 | 6.4 TOTAL NUMBER OF OBSERVATIONS 845

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

TEARS

FEE MONTH

ALL WEATHER

2100-2300

CONDITION

SPEED (KNTS) DIR.	1 3	4 6	7 10	11 16	17 21	7. 27	18 1. 37	34 40	41 47 48	146 °S	MIAN WIND SHEFD
N I										.4	8.3
NNE	_ = 1 .			• 4 .				,		. 2	7.0
NE	<u> </u>	• 1	• 1							. 4	4.7
ENE	.2		• •					,		.2	6.5
E E	٠ .	<b>,</b> 1	<u></u> .					4		. 5	4.3
ESE	-4.		* 1	1 2	1 4	.6	2	•2	.1	4.3	18.8
+ - SE	• 1	2.1	4	1 + £ .	<u> </u>	2.8	.6	.1		19.5	14.8
SSE	1.2.	2.1	. <u>L</u> eg.	6.6	4.4	.1	• •			4.8	8.9
<u>sse</u> _ !	•9.	. 6	, l. • ( .	.2	, , ,	• * .				3.4	6.0
	1.2.	7 4 7	8		• 1 ,	•		-		1.9	5.1
SSW SW	• f ·	.7	. 4	· 1.			:		•	4.0	4.8
	2.01	1.2	•6	. 2			•			2.1	4.3
wsw	1.3	,5	•4			•			† ·	7.0	3.4
. w	4.4	2.4	.2						i :	7.1	۶۰3
WNW	3.1	2.6	1.4	6	· .		•		1	12.9	6.2
, N.V	5.1	3.0	2.8	1.8	• 4 ,					.8	5.0
NN.V	.4	. 2	2								
VARBL CALM			<u> </u>					- <del></del>	-	30.5	
1	21.2	14.1	10.9	12.4	6.1	3.5	8 .	.4	-1	100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

846

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT

54-63

MAR

ALL WEATHER

0000-0200

930

CONDITT N

SPEED (KNTS)	1 3	4 6	7 10	11 16	17 /1	.; :7	.9 33	54 40	41 47 .	16 5.	164	٥/,	M AN A NO
DIR.		i										•	5 EED
. NNE	3.	• 2 .	. +1						•			. 6	4.2
NE	.1	;					•					. 1	3.0
ENE	<u> </u>	•21	• 2	. 1			,				,	. 5	8.8
E .	.2	- 1	.1	. 2			•					. 6	7.5
ESE	-1	• 7	.4	1.0	•6	1.1	.3		,			3.8	17.6
SE (	1.3	• 5	2.0	5.4	3.2	1.3	- 2	.1				14.1	13.9
SSE	• 3	•5 I	2.2	.6	.6	•1				•		4.4	9.9
	1.8	1.8	1.1	1								4.8	4.9
ssw	3	,	•2.	• 1.								. 6	6.3
SW	₹•0.	1.0	• 2	1								3.3	3.9
wsw	1.0	1.2	•1.	1								2.4	4.4
, w [	5.3	3.1	.6					i	i		:	9.0	3.7
WNW	3.9	5.4	2.5	•1.						i		11.8	4.9
. NW [	4.3	3.8	3.0	1.3	.5			1		(		12.9	6.3
NNW	-5	2	2							- (		1.0	4.1
VARBL	-							ĺ					
CALM		~. <sub>4</sub>			· · · · ·	-	- *	. ~ .	J. W	>- L		29.9	
<u> </u>	21.5	18.3	13.0	9.1	5.1	2.5	-5	.1		•		100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

1210 WS FORM 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRF BUSINESS SYN

0524

150524

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX BC DOT APT MONTH 24292 STATION 0300-0500 WEATHER SPEED WIND SHEED IKNITSI DIR. 5.6 N NNE NE ENE ESE 2.8 SE SSE s SSW SW wsw W WNW NW . 6 NNW VARBL 31.3 5.3 100.C 23.4: 17.2 | 10.5: 10.0

DATA PROCESSING DIVISION

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATES NAME

54-63

MAR

TEARS ...

0600-6800 HOURS -L S.T.

ALL WEATHER

CONDITI: N

SPEED (KNTS) DIR.	1 - 3	4 6	7 - 10	11 16	17 21	27 27	98 33	34 40	<b>4</b> 1 <b>4</b> 7 .15	s 55 *55	9/ 9	M:AN N:ND S:ED
NE NE	• <u>3</u>	•2	-1		•						.9 .6 .1	2.8 3.5 3.0
ENE E ESE	•2	• <u>2</u> •1	•2	• <u>1</u>	1.1	.4				•	.5	5.2 8.8 16.4
SE SSE S	1.6 .5 2.4	.6 1.4 1.6	1.7	4.2	3.3	1.4	• <u> </u>	<u>.1</u>		•	13.5 4.8 4.6	14.4 8.8 4.3
sw sw wsw	1.3 1.3	•6 •6 •8	•2	-1.	,			-		i	1.7 2.3 2.5	5.1 4.2 4.3
WNW	7.1 4.2 5.6	3.7 4.5 4.5	1.4 1.9	• 9 • 6	• 3	• <u>1</u>					11.3 11.0 12.0	3.6 5.0 5.0
VARBL CALM	><	• <b>1</b>	2.		.1 ,>>			<b>.</b>			30-1	6.7
15 to 15 to	26.5	19.1	8.3	8.4	5.1	1.9	-5	1		<b>*</b> "	100.0	5.0
								71	OTAL NUMBER O	F OBSERVATIONS		930

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 CDMUX BC DOT APT 54-63
STATION STATION NAME

ALL WEATHER
CLASS
CONDITION

CONDITION

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 10	11 - 16	17 21	22 - 27	28 - 33	34 · 40	41 - 47	48 55	≥56	%	MEAN
DIR.			:					l	·				SPEED
N	2.0	3.2	2.8	. 3	1		-			•		8.4	5.
NNE	-6	1.0	-1							,		1.7	4
NE	2.0	.8	.4				-		i	:		3.2	3
ENE	.4	1.0	.3		·							1.7	5
E	1.2	1.7	.9	. 3		•						4.1	5
ESE	.4	. 8	.8	1.9	1.5	• 2						5.6	12
SE	1.6	2.2	4.2	6.3	5.3	2.3	.4	.1		•		22.4	13
SSE	. 6	. 8	2.2	2.0	- 4	-1						6.1	10
s	-4	. 4	1.1	.3						i		2.3	7
ssw	.8	.1	-1		.4					i		1.4	7
sw	.3,	. 4	• 2	.1.								1.1	5
wsw	.4	.1					-					-5	2
w	1.2	1.1	!	. 1		- •				i		2.3	
WNW	.8	1.2	1.8	. 2 !	• 1							4.1	6
NW	4.5	3.1	3.4	1.6	.4	•1	• 2			į		13.4	7
NNW	1.2	2.5	3.8	1.3	-1		7.0	'	'			8.8	7
VARBL	T. 2 - 1	-			· ·					!			
CALM	> :	, ×.	><	~~: İ	· * *		~			<u> </u>		12.9	
- )	18.6	20.2	22.0	14.5	8.3	2.7	•6	.1	'	•		100.c	7

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

929

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION	COMO	X BC DO - -	T APT STATIO	N NAME			54-6 EATHER CLASS	3	-	YEARS			1200	IAR — HONTH — 1 — (40 t 5 - (5 T )
	SPEED (KNTS) DIR.	1 - 3	4 6	7 10	11 - 16	17 21	72 27	28 - 32	34 40	41 47	48 53	-56	%	MEAN WIND SPEED
	NNE NNE	1.7	3.4 1.3	4.8	1.3					•	•		11.0	6.7 5.0
	NE NE	2.9	5.0	1.6	•	•							3.8 9.5	4.8
	ENE	-4	2.2	1.2	:	1					•	•	3.8	5.6
	E -	.9	2.8	2.9	. 2			•				•	6.8	6.3
	ESE	.5	- 6	2.6	4.1	2.2	. 8						10.9	12.9
	SE	5	1.7	3.9	12.2	5.0	2.3	_ •6	.1		•		26.3	14.2
	SSE	- 4	9.	1.2	1.6	. •6	. •3			,	I		5.0	11.4
	· - s	•2,	• 3	5	. •6	3				-			2.0	12.7
	SW	.1	.3	.3	3	2	•			i	•		1.2	$\frac{11.3}{10.5}$
	, - wsw	-1	• • •	••	. 1					1		1 .	• 2	7.0
	, w	.3	• 3	- 1	. ••	•	•			į			. 8	3.9
	WNW	.5	.2	• 3	2	1				1			1.4	7.1
	NW	_3	• 8	2.4	1.1	4	. 3						5.3	10.3
	NNW	.5	1.6	4.1	1.6	1				ı			8.0	8.5
	VARBL		-	-	1	•		:			'			
	CALM	، ڪجرا	· •		r in the second	, ~	,	. ~		, ~ .		r k	3.7	
	<u> </u>	10.9	21.4	27.2	23.5	8.9	3.7	6	-1				100.C	9.5

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 E	COMOX	( <u>ec</u> no	T APT	I NAME		 ALL WE	54-6	3	-	YEARS	<del>-</del>			A# DNTH -1700
		-				c	LASS						HOURS	(187)
						con	DITION	–	. —					
		-	· -						• • •		- · ~			
_ ,	PEED [		i				:		1		1 -			MEAN
(k	(NTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	ੇ56	%	WIND
<i>k</i> .	N	₹.2	3.5	2.2	. 4	• - !	į.		i l		<del> </del>		8.2	5.5
· · ·	NNE	1.6	1.3	.1			•		1	1			3.0	3.6
h	NE	2.5	2.7	• 2			+			1	ļ. —-		5.4	3.9
1	ENE	- 8	1.7	•2	<u>-1</u>	i			1				2.8	4.7
	E ESE	1.8	2.0	1.6		, ,	,	•	1	1	ļ	ļ	<u> 5.7.</u>	5.3
F -	SE	1.5	1.0	1.5 6.5	3.0 9.8	1.8	. , , 4	. 5	· .1	-	-	·	8·4· 27·3·	12.6
1-	SSE -	1.1	.8	2.2	2.5		. 1.6		1		ļ	1	7.3	10.2
į.	s	.1	.8	1.6	1.1		• • • •	+	•	1	1 -	!	3.6	8.8
ļ-·- ;	ssw	,1	.1	.4	1.0		. 1		1	1			1.7	11.4
1	sw	• 2 ,	.5	-4	-	ı			+				1.2	5.4
l — ·	wsw		-1!	. 3					į.	1	ļ		_ 4	7.5
-	w	.4	2	• 2	1						+ -	•	<u>1</u> .0	5.2
ļ	NW	.2,	1.0	2 .	. 2					+	-		1.6	6.3
	.w	1.7.	1.4	3.0 2.0	1.5	8	. • ‡			İ	+		9-1	8.5
£	ARBL	1.3	1.7.,	الافكال	¥ • ⊃	. • ?			•		•		.6.9.	7.8
0	ALM	> </td <td></td> <td></td> <td>,×.</td> <td>* <u></u></td> <td></td> <td> • <b>×</b>.,</td> <td>:</td> <td>   </td> <td>***</td> <td>+ ~ · ·</td> <td>6.4</td> <td></td>			,×.	* <u></u>		 • <b>×</b> .,	:	 	***	+ ~ · ·	6.4	
<u>.</u>	j	16-4	22.1	22.8	21.7	7.7	2.4	5	.1	7	1	*	100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

927

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 CDMOX BC DOT APT STATION NAME

54-63

KAN HTHOW

ALL WEATHER

1800-2000

CONDITION

SPEED													MIAN
(KNTS)	1 - 3	4 - 6	7 - 10	11 16	17 21	02 27	28 99	34 40	4' 4" .	13	•		V. NO
DIR.	∦												or ELD
N	<b></b>	.6	• 2		. ,							1.8	3.8
NNE	-4	- 1	· +									• 5	3.2
⊢ NE	. 8.	1	ļ			•						• 9	2.5
ENE	-4	_		1		•						• 5	4.8
<u>E</u>	-6		· <u>• 3</u>	1								1.1	5.3
. ESE	•.1	. 3	. 9	1.5	1.2	.9	. •3 .					5.2	15.6
SE	2.7	2.8	4.1	5.8	3.1	2.1	. •3	•1				21.1	12.2
SSE	•8	1.5	2.4	1.9	• 5		. •1					7.2	9.7
- S _	2.8	1.4	1.6	• 3.								6.2	5.2
wzs	1.0	• 2	- 8	. •3.	,							2.3	6.4
Sw	1.8	1.9	9									4.6	4.5
WSW	3	.5	•2	. ,					1			1.1	5.3
, w	3.0	1.8	- 5	; .			1					5.4	3.9
WNW	-8	2.4	1.1	, . <b>.4</b> .			,				1.	4.6	6.1
NW	3.9	3.0	2.4	1.0						i	i	10.5	5 <b>. 9</b>
NNW	5	1.2	6	. 6	• 4 ,				,	i	1	3.5	8.4
VARBL		_	ļ	į .			: <b>:</b>		i .	i	4.		
CALM		<u>&gt;</u> <			>~: <sub>-</sub>		. ~ ,	. ~			- 1	23.5	
,	21.0	18.0	16.0	12.2	5.5	2.9	. 8	1	· ·		- 1	100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

926

TOTAL NUMBER OF OBSERVATIONS

929

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>54-63</u> MAR CUMOX BC DOT API ALL WEATHER 2100-2300 MEAN SPEED WIND (KNTS) 22 - 27 SPEED 2.5 N 3.7 NNE ENE F . 2 . 2 ESE SE s SSW SW wsw 3.6 5.3 WNW NW NNW VARBL 27.0 CALM 100.0 6.0 21.1: 17.8 | 15.1:

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX 8C DOT APT STATION NAME

54-63

YEARS

APR

ALL WEATHER

0000-6200

CONDITION

SPEED (KNTS) CIR.	1 - 3	4 . 6	r   7 - 10   	. 11 16	17 21	22 - 27	28 33	34 - 40	41 - <b>47</b> i	48 - 55	≥56	%	MEAN WIND SPEED
- NNE	-1		-1	.1		<del> </del>		1		ļ ļ	•	3	8.0
NE	•1	•2				! •	i		ļ ļ		, -	• 3	4.0
ENE E	.3			.1.				-			· ·	- 1 3	3.0
ESE SE	1.4	1.3	2.9	3.8	2.2	-4	• 3 • 1				1	12.4	15.9
SSF	1.2	1.0	2.0	2.4	• 3	•1			ļ			6.4	10.4
SSW	.6	• • • <u>• • </u>	. 2	•1	<u>.</u> .		<u>.</u>					1.0	5.7 5.7
sw wsw	2.9	1.1 .7	.6			i 					1	_5.2 2.0	4.1 4.9
wnw	7.3 4.4	4.0	2.0		• 2	l	-	i i		<del> </del>	-	12.0 10.7	3.6 4.8
- NW	5.7	5.6	4.2	1.2			h			+		16.7 1.4	5.6 6.2
VARBL		-	+ · · · - • • · ·	امریا	•		r Indiana	۱ •		t			
CALM		·/ ·				· ~				1	r ~ `	26.6	
L	26.6	19.3	14.3	8.4	3.1	1.2	. 4	i	1			100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

900

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

- YEARS

APR

ALL WEATHER

0300-0500

CONDITIO

SPEED			- (				•						W 6N
(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 57	15.9	,	4 NO
DIR.			ļ. ;										ن ۱۰۰۰
N					1.	£							
NNE													
NE		1	<u>• 1</u>									. 2	5.5
ENE	.2	<u>.l</u>	ļ	:				1	4			• 3	3.0
E	.2	. 3						· · · · · · · · · · · · · · · · · · ·				. 6	4.2
ESE	1 +	. 2	1	• 6	6	. 2	1	1			,	2.0 ;	16.8
SE	1.1	1.0	2.3	4.7	2.3	8	<u>1</u>	1.	1			12.3	12.6
SSE	-6	.4	1.6	1.6	1	! •			l			4.2	9.3
<u>s</u>	1.6	• 9	.8	• 3								3.6	5.2
SSW	6	.4	.2				<b>-</b>					1.2	4.5
_sw _	1.3	1.6	-2	1	+	•				L. j	!	3.2	4.4
wsw	.7	1.0	.6	2							į.	2.4	5.7
_ w	7.0	4.1	.4		· •				]		. j	11.6	3.6
WNW	4.2	3.1	2.0	. 1		•				l. i	.1.	9.4	4.5
NW	4.7	5.7	2.9	1.3				l •		[		14.6	5.5
NNW _	.1	. 2	.4	• 3	i • · · · · ·					i 1	1	1.1	8.7
VARBL	L i							,		i i	į.		_
CALM	$>$ $\downarrow$	><_	><		,			$\sim$			$\sim$ 1	33.2	
· 11	22.3	19.2	11-7	9.2	3.0	1.0	2	.1			]	100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

900

1210 WS FORM ULL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LIED/EGRY BUSINESS SYSTER

7

TOTAL NUMBER OF OBSERVATIONS

898

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION	COMO	x 8C Dû	T API STATION	NAME -			54-6 ATHER			YEARS			0600	PR -0800 (LST)
	SPEED [KNTS]	1 - 3	4 6	7 . 10		17 21	22 27	28 - 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
	DIR N NOTE	1.0	1.1	• <u>2</u>			• •	]		• : •	-		2.3	4.4
	ENE ENE	•3	.3 .1	_						• • •			• 7 • 1 • 7	3.8 4.0 4.2
•	ESE SE	1.3	.3 1.9	2.3	1.6	1.6	1.0	•2		i † •			3.8 13.1 5.3	12.1 11.7 9.5
•	55F 5 5SW	.7 1.8 .3	1.4	1.0	2.2 .1	•2				<u>.</u>			4.C 1.1	5.0 4.8
	sw wsw w	1.2	•8 •6	•3 •2	•1	•							2.4 1.3 6.2	4.7 4.3 3.8
:	wnw Nw	4.1 3.6 7.6	1.2 3.8 5.3	3.7	.6 2.3	.1		· ·	• • -			- 1	8.8 19.0	4.7 5.7
;	NNW VARBL CALM	1.8	1.0	2.1		.1			· .				5•8; 24•8	6.8
	CALM	25.1	20.5	13.3	12.7	2.2	1.1	3		1 2	i "	•	100.0	5 • <b>2</b>

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

- YEARS

TOTAL NUMBER OF OBSERVATIONS

APR

ALL WEATHER

0900-1100

900

CONDITION

DIR. N	2-1	5.3	7.3	1.7.	,					48 55	*56	% 16.4	WIND SHEED
NNE	• 7	2.4	1.0									4.1	5.4
NE	<u> </u>	3.9	1.1								1	6.1	4.9
ENE	• 9	1.4	1.3							,		3.7	5.4
E	.8	2.7	3.3									6.8	6.2
ESE	•3	1.0	2.7	3.7	1.2	. 8			. ,	,		9.7	12.
SE	<u>. 6</u>	1.8	4.6	7.1	3.2	1.0	•2					18.4	12.1
SSE	<u>.6</u>	1.2	1.1	2.0	• 2			,				5.1	9.
S	•4.	.4	1.2	.4	-1,							2.7	8.
SSW		1	. 3									- 4	7.
_SW	• <u>1</u> ,	• <u>1</u>	• 2	•1.					, .		j	-6	7.
wsw	.3	.3	• <u>1</u> .	- 1.		:					:	• 9	6.
w .	4	-1							,	;		• 6	3.4
WNW	-2	.4	. 2 ,	-1.				ı				1.0	6.
NW	-6	1.3	3.0	1.4	.4				· !	-		6.8	8.
NNW	1.1	2.7	6.2	2.7	.6					1		13.2	8.
CALM		<i>&gt;</i>	/><:		, '~.		*.	_	. ~ .	<u> </u>		3.6	
-	10.2	25.3	33.8	19.3	5.8	1.8	•2				1	100.0	8.

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX BC DO	T APT		54-63										
	ALL WEATHER									1200 Hours			
_			CONDI	TION		-	******						
SPEED	·	:	- 4	- +	- 1				·· <del>·</del>	. ,	MEAN		
(KNTS) 1 - 3 DIR.	4-6 7	- 10 11 - 16	17 21 1	22 - 27	28 - 33	34 - 40	41 - 47	<b>48</b> · 55	≥56	%	WIND SPEED		
N 1.3		4.1 1.3 1.3	. 2					(		11.2	7.3 5.6		
NE 2.3		3.0	į		- +			•		11.3	5.2		
ENE 1.0	2.6	2.7 .1						· ·		6.3	6.1		
E 1.3		4.3	1.7				:	•	}.	- 9.0 11.9	6.5 12.4		
ESE .3 SE .2		3.8 4.1 5.1 10.2	4.8	1.3	-1				1	23.1	13.3		
SSE 1		1.3 3.1	.7	•2					:	5.8	12.5		
s	3	.7	•1					-	1	1.9	9.8		
SSW SW	.2	.6 .6	~ i	4			!			1 <u>.3</u> .	10.7		
	† ••	.1 .2	•	· •	4			-	1	. 4	10.3		
w .2	.2	.1				_			_	.6	6.0		
WNW	. 3	•1.	_ •				į į			- 4	7.3		
NW -2		1.3! .3.	• 2					-	į.	2.8	8.1 9.7		
NNW .2	1.41	3.7. 2.3.	•6				! '	1	1:	U. C.	, ,		
CALM		*	- ,			· •			, < 1	1.4			
8.5	23.0 3	2.3 23.9	8.2	2.6	-1				:	100.0	9.4		
						1	TOTAL NUMB	ER OF OBSE	RVATIONS		899		

1210 WS JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS TORM ARE GREAT FOR

TOTAL NUMBER OF OBSERVATIONS

90C

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION	COMO	X BC DQ	C DOT APT				54-	53	-	- 1EARS			APR	
						ALL W	EATHER					1500-1700		
	SPEED ,KNISI DIR	1 3	4 6	7 10	11 16	17 .1	. 7 - 77	78 79	34 40	4: 4°	4đ ···	*Sę	., 34 10	MEAN WIND SHEED
	N NNE NE ENE	1 3	2.3 1.1 3.1 1.1	1.8 .3 1.1 1.2	. 2								7.0 1.9 6.2 3.7	5.2 5.0 4.6 5.4
	E ESE SE SSE	1.3	2.8 1.7 3.0 1.2	1.2 3.8 7.6 2.2	2.8 11.0 2.2	1.7 4.1	•7 •7 •1	1		•		•	6.0 11.7 27.8 6.7	4.9 11.0 11.8 10.3
	S SSW SW WSW	•6. •2.	1.2	1.3 .7 .9	.6 .8 .7	•2	•1						4.0 1.4 2.7	8.1 11.3 9.2 8.3
	W WNW WNW	•3 • <u>1</u> •8	.6   .2   2.0	-2 1-8	.7	• •	•	• •	† •				1.1 .6 5.2	6.2 5.0 6.7 8.8
	VARBL CALM		2.2	. <b>9.</b>	2.2	.3				-	. , , ,		9.2 4.0	
i		13.9	23.4	28.3	21.6	7-1	1.6	1	1				100.0	8.5

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMPX BC DOT APT STATION NAME

54-63

A P R MONTH

ALL WEATHER

1800-2003

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 16	17 21	72 27	28 - 33	34 - 40	41 - 47	48 - 55	>56	%	MEAN WIND SPEED
- N	7				•	:		-			i	1.1	3.3
NNE		• 4· · · · · · · · · · · · · · · · · · ·			-	. +		•	-		İ	.4	3 · C
NE	.3	-1							,		i	. 4	3.3
ENE		. 2	· 1	•					1			2	5.5
ε	.7	. 2		•1				Ţ	1	į.,		1.0.	4.4
ESE	1.3	1.4	1.4	1.7	6	.8.		i		,	İ	7.2	10.0
SE	3.7	3.4		6.2	2.4	7	-3	†	ļ	1	i	22.0	10.3
SSE	1.6	1.8	2.9	2.4	• 6					!		9.2	8.6
<sup>\$</sup>	3.0	2.2	1-2	. •61	• 3 ,	•1			į	t i		7.5.	5.9 7.4
SSW	<u>• 4</u>	-4	. • 6		- 2	1		·	İ			1.8	5.5
- sw wsw	1.3	1.4	1.4	2.	i	}			1	ļ - · · · · j		2.0	6.8
w w	6	_ <u>. 6</u>	1.6	•.3 ,	•				1	1		3.9	4.4
⊢ WNW	2.1	1.0	1.0	. 3			•		-	1		3.1	6.3
NW	3.8	2.9	3.6	1.2	-1			<del> </del>	†	!		11.6	6.3
WWW	1.0	1.0	1.3	.7	2				1			4.2	7.5
VARBL	1		+						[				
CALM	<u></u>	·		• ا 'عجر '	~ . '	-	*		1	` '	`~.`	19.8	
	21.7	18.1	20.1	13.9	4.4	1.6	.3	1	<b>†</b> ` ``	!	•	100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

899

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE. N. C. 28801

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION	COMO	MOX BC DOT APT				54-63										
							ALL WEATHER									-2300
	–					CONDITIN										
		-														
_	SPEED (KNTS) DIR.	1 - 3	4 · 6	' 7 · 10	11 16	17	21	22 27	28 33	34 40	41 4	7 48	6,	*56	, %	MI AN W ND SHEED
	NNE	_ •2	.6	•1											• 9	4.8
	NEENEESESESSESSWSWWSWW	.1 .2 .4 1.8 .8 .2.7 .6 1.8	.1 .2 .3 1.6 1.4 1.1 .4 1.7	1 1 2 5•1 2•2 8 9 •6	.1 .2 5.2 1.9 .1	· - ·	.8 .	•3.	•3	-1					.3 .6 1.9 15.3 6.8 4.7 2.0 4.3	8.0 4.3 4.2 13.1 10.9 9.2 4.3 6.2 5.4 5.9
- - - - - -	WNW NW NNW VARBL	4.9 2.4 3.7	3.7 3.0 5.9	1.3	1.1	· · ·	•	- •		! 		+			10.0 7.0 14.9 1.4	4.2 5.1 6.0 5.8
Ļ.	CALM	21.4	21.8	18.7	9.6	1	. 2	1.2	×.	- 1		-1	•		25.7 100.0	: 5 <b>.2</b>
_	21.4 21.8 18.7 9.6 1.2 1.2 .3 .1 TOTAL NUMBER OF OBSERVATIONS												2000	900		

ALLIED/EGRY BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX &C DOT APT

54-63

PIRT

ALL WEATHER

0000-0200 HOURS (LST)

CONDITION

SPEED (KNTS) W:ND SEED DIR. 5.9 N NNE \_ 3.0 NE 6.C ENE 3.0 Ε ESE .6 SE . 1 SSE 5.0 s \$SW 3.1 SW 5.1 wsw 4.Ō 8.4 w 16.1 4.8 WNW 25.6 5.8 6.7 1.6 NNW VARBL 28.0 CALM 100.0 22.7 | 25.8 | 17.7 |

TOTAL NUMBER OF OBSERVATIONS

92**7** 

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION	COMO	X BC DC	T APT	N NAMF			54-6	53		YEARS				1AY
		-					EATHER							-050 <u>0</u>
			_			con	NDITION			_	-			,
		_				_								
	SPEED				!			Ţ			i		i :	MEAN
	(KNTS)	1.3	4 - 6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≧56	%	WIND
	DIR.			ļ			ļ _		i	i	1			SPEED
	N	• 3.	.4		<b></b>	L	ļ	+	ļ			. 1	.8	4.0
	NNE			-		Ĺ				_		: ]		
	NE NE	2			ļ					į			.2	2.5
	ENE				ļ.,				1.	-	1 .			
	E .	ļ	<u>• 3</u>		•1		ļ		!				. • 4.	6.8
	ESE	•1	. 3	•6	•1				l 4	ļ	ļ	,	1.2	7.2
	SE	.6	- 8	1.3	1.4	5	+	L		į .		;	4.6	9.4
	SSE	•2 •5	.4	1.0	4	-1		+			1		2.2	8.8
	S		1.1	• 4	• 1		+	1	-		1	1	2.2	5.4
	SSW	6	.4	• 3	• 3	. <u>•2</u>			+		<b></b>	1 1	1.9	7.5
	SW	1.9	1.0	8					1	ļ		1 1	3.7	4.4
	WSW	1.2	1.2	. 3	3	. <u>• 1</u> .	+						3.1	5.7
	W	6.2	2.6	1.0			į			-		1	9.8	3.6
	WNW	6.7	8.7	2.6	• 1				+	1	_		18.1	4.4
	NW	7.0	10.0	5-2	6.			•		1			22.8	5.2
	NNW	4	.4	3	. •1				•		} -	;	1.3	5.4
	VARBL		اد ج	<b>.</b>	1	+	+			ļ	L	1	· ·	_
	CALM	><	, ><.,	<b>&gt;</b> <.			** · ·	. ~	r->			- ~ ]	27.8	
		26.2	27.7	13.8	3.7	1.0	İ	,	1		1	1	100.C	3.8

TOTAL NUMBER OF OBSERVATIONS

929

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

MAY

ALL WEATHER

0600-3800 HOURS ILST 1

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 10	11 - 16	17 21	27 27	. 28 33	34 - 40	41 47	48 55	-56	%	MI AN MIND SHEED
DIR	+											5.6	5.8
N	9	3.1	1.3.	• 3				+	•	•		. 9	4.6
NNE	•1	_ • 6	_ • <u>•</u> •								į	1.0	3.7
NE	<u>•6</u> .	<u> 2</u> .	• •					•	•	•		1.0	4.1
ENE	•4.	<u>• 4</u> .	<u>• I</u>					•	•			1.6	4.3
. + <u>E</u>	. 9 +		.3		٠.			•				2.8	6.0
ESE	•6.	1 • ř	-9		.5		•	•	,	* *		8.3	9.5
SE	• 8	1.3	2.9	2.8,	• • .	- 1	•	•	'	i		2.7	8.6
<u>SSE</u>	<u>•3</u> .	. 5	1.1	. •6.		• 1	•	•		1		1.3	5.1
	• 2		•	•1.					•	i i		1.0	7.7
. SSW		• 2	2		•• ,		•	•		1		1.7	4-6
WSW	1.3+	- 4		• 1 .	•		•	•	t i	!!!		1.2	4.3
	2.4	6	1 • 1	.1			•	•		1 1		4.2	4.0
WNW	1	1.5 3.2	1.5	• • • •				•				7.3	4.8
·	2.6	9.6	6.8	2.4	-1			•	i	1 1		25.7	6.1
NNW	2.5	4.2	7.8				•	•				16.5	7.1_
VARBL	# <b>£</b> •2+	. 716	1 22	. •• .			•	•	i	i		lii	
	<u></u>	-	†	· ~ '		-	٠,	' ~	· ×	-	~ ` `	17.4	
CALM			1	1 1		1		:		71 F			
Ī	21.1	28.0	24-1	8.5	. 9	1	ı	1 .	Ì			100.0	5.2
									TOTAL NUM	BER OF OBSE	VATIONS		930

DATA PROCESSING DIVISION

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAY 54-63 COMOX SC DOT API 24292 0900-1100 ALL WEATHER HOURS (LST) CLASS CONDITION MEAN SPEED WIND ≥56 4 6 1 7 10 11 16 (KNTS) SFEED DIR. 7.3 18.9 5.5 13.0, 2.4 2.7 5.3 1.7 N 6.2 2.7 NNF • B 4.9 NE 6.5 **ENE** ESE 12.0 SE SSE 12.3 5 13.0 ssw 9.3 SW wsw w 9.5 WNW 8.3 7.6 •1. 18.0 NNW VARBL CALM 100.0 8.0 9.01 23.7 42.8 18.6

TOTAL NUMBER OF OBSERVATIONS

930

## PERCENTAGE FREQUENCY OF WIND DIKFCTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

MAY

ALL WEATHER

1200-1400

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 6	7 - 10	11 - 16	17 21	22 27	28 - 32	34 - 40	41 - 47	48 45	-56	%	MEAN WIND SPEED
N	1.2	3.3	8.2	1.0								13.7	7.
NNE	• 9	2.4	2.3	.1								5.6	5.
NE .	2.0	5.6	3.7	; į								11.3	5.4
ENE	.8.	4.1	4.0									8.9	6.
E	<u>.6</u>	3.2	3.7	. 3								7.8	6.
ESE	. 4,	.6	4.9	7.5	. 8	•1.						14.4	11.
SE	5 .	1.6	6.0	8.1	1.5.	8						18.5	11.6
SSE	•1.	• 5	. 6	1.3	• <b>1</b>	-1.						2 . 8	10.
- 5	•1.	• 3	. 5	+3.	1 .	1		. !				1.4	8.
ssw			. 3.		<b>, 2</b> ,							• 5	11.
_ SW	•1:	.2	į								1 :	• 3	4.
wsw	1	.1		1.				i			· ]	- 3	7.
w !	.1	-1									,	• 2	4.1
WNW	-1,	•1		. ,							1	• 2	3.5
NW	.6	•9	1.9	• 2 .								3.7	7.0
NNW	•6.	1.1	5.7	1.2.	•1						i	8.7	8.4
VARBL											Ì i		
CALM		~ .		~ <b>×</b> .	-	~ ,	*.	•			· _ [	1.6	
1	8.4	24.2	41.8	20.2	2.8	1.0		,			i	100.,	8.

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	OMOX	8C DO	T APT			<u> </u>	<u> 54-</u>	63		YEARS				AY
		<del></del>				ALL W	LASS							)-1700
		_				con	DITION							
SPE (KN	TSI	1 . 3	4 · 6	7 - 10	11 - 16	. 17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
Dii	· //	2.4	4.2	2.6	,			ļ —		•	ļ		9.2	SPEED 5.4
NN	·	.5	1.1	.4	.1		<del> </del> · ·—	t · · - · - · · · ·	i				2.2	5.3
N	E _	1.5	4.0	. 9					*				6.3	4.6
EN	E	1.1	2.7	1.0									4.7	4.9
E		1.3	2.8	2.2	2	.1			1.	İ			6.6	5.8
ES.		1.2	2.0	3.0	4.0	1.4	.1						11.7	10.2
, SE	41 .	1.1	3.1	9.6	8.1	1.8	3	+	1	ļ .			24.0	10.2
ss	- 11 -	1.0	1.2	2.7	2.4	-1	ļ	<del>+</del>	1				7.3	8.6
, s		2	- 6	- 6	- 8	1	<del>+</del>	4	· · · · · ·				2.4	8.6
SS	1 -	-2+	.3	4	• 2			+	<del>}</del>	ļ	<del></del>	ļ <u>-</u> -	1.2	7.5
ws		. 2		3	.3			+	†				1.3	7.3
- · · w	·	.4	4	.3					+				1.0	7.3 4.3
WN	w	• 1	•4	•1	'		-	<b>†</b> -			<del> </del> ·	·	1.0	5.8
NV	w	1.2	2.2	2.4	. 5		+ - I		+	† ·	<del>i</del>		6.2	6.4
NN	w 🏻	1.5	1.4	6.6	1.1	•	•	<u>.</u>				[	10.5	7.7
VAF	BL	,						,	1		İ			
CAL	M 📄	$\sim$ $$	>~ j		<b>&gt;</b> <.		-	7		> <	×.		4.9	
		13.9	26.3	33.1	17.7	3.5	4	1		]	1	T .	100.0	7.4
									1	TOTAL NUMI	SER OF OBSI	RVATIONS		930

ALLIED/EGRY BUSINESS SYSTEMS

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

NW

NNW

VARBL CALM

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX BC DOT APT 54-63 24292 STATION ALL WEATHER 1800-2000 SPEED (KNTS) MIND DIR. SPED Ν 2.0 4.3 1.0 NNE 4.2 • 3 NE 3.0 2.2 .4 .8 ENE E 2.3 3.6 ES€ 4.5 . 9 1.0 SE 19.6 SSE 2.8 8.4 5 1.6 2.8 .8 •6 SW 3.1 -6 1.9 wsw . 5 . 8 1.1 3.7 2.6 1.0 4.3 2.2 1.2 3.4 w 5.3 4.3 WNW 1.3 3.3 5.2

TOTAL NUMBER OF OBSERVATIONS

5.4 929

6.2

8.1

12.7

100.0

1210 WS JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

23.4 24.4 21.7 11.8

TOTAL NUMBER OF OBSERVATIONS

928

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX BC D	OT APT		54-6	3					AY
	STATION NAME	ALI	WEATHER		16	ARS			ONTH -2300
-		ALL	CLASS	··					(LST)
-									
			CONDITION						
-									
SPEED	Ī	<del></del>							MEAN
(KNTS) 1 - 3 DIR.	4 - 6 7 - 10	11 - 16 17 - 2	1 22 27	28 - 33	34 - 40	41 - 47 , 48 - 5	5 ≧56	%	WIND
N	-3  .				-+	<del> </del>	.	. 4	5.3
NNE		11	;		1		1		
NE 2	-1		_ ,	- 1	. ,		- i - ii	• 3	3.3
ENE .1	•2		$\Pi$					• 3	3.7
E .6		T = I = I			I	T I T		. 8	2.6
ESE .1	.6	.5	.1		1		: 1	1.9	9.0
SE 1.3	2.2 3.	2.3	2 .1	_				9.5	8.4
SSE 1.2		3 .3	1					3.9	6.7
\$ 2.0	1.0	.3	_	4			i i	3.9	4.9
ssw .5	.3	5		i			-	1.4	5.1
sw 1.8	1.3 1.	.1					.	4.3	5.1
wsw 1.8	1.2 1.	3			,			4.8	5.2
W 4.0	4.2	<u>•</u>	_					8.6	4.0
www 2.7	4.7 2.1		_			·		9.8	5.2
NW 5.7	7.7 5.4	1.3						20.6	5.7
NNW •8	.9 1.	5 .4	6	!	_ ]	·	1	3.6	7.2
VARBL	↓ . ↓	1	4				. !!		
CALM	$\times$		$\langle   \times  $		><		. 🛀	25.9	
23.0	25.5 19.	5.6	3 .2					100.0	4.3

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMO	X 8C D0	T APT	N NAME			54-6	3		YEARS			- :	IUN
	_					EATHER CLASS			-	-		0000	0-0200
	-				co	INDITION				-			
SPEED	п· <del>-</del>	· · · · · · · ·		,	r			1	,	- -		• .	
(KNTS)	1 - 3	4.6	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
DIR.		1							1	1		, "	SPEED
N	.2	•1	_1		• - I							. 4	4.0
NNE					_	1	• · · · · · ·	1	1			i ·	
NE						1		1					
ENE						ļ		l 				Ĺ	
E	1	-1		•1	ı			ļ		i		3	7.0
ESE	.6	- 2	• 6	• 3					ļ .		į	1.7	10.0
SE	-6	1.7	2.8 .7	1.9	. 7	1 • <u>1</u> .		.1	ļ	i i		7.8	1,0-0
SSE S	1.1	9		.2	1	4		+				3• <u>`</u>	5. 5.
ssw	8		•2	• 2		+		<del>+</del>				1.8	<b>2</b> • ∶
SW	1.1 2.1	1.2	1.3	• 2		·	-			· ·		1.9	5.4
wsw	1.3	1.7	1.2		-	<b>†</b>		÷ -	· ·			3.4	4.6
w	3.6	2.7	1.0				i	#	į i			7.2	4.1
WNW	4.7	7.9	1.0 2.9	• 3	•	1						15.8	5.0
NW	5.4	9.3	7.8	1.4		•1	•	† ·-	1		-	24.1	6.1
NNW	•2	1.4	1.2	. 4		. 1	•	1	_			3.4	6.1 7.9
VARBL	[ ·			i 1						]	_ ]	ĺ	
CALM	$\rightarrow$	, >< .	><		<i>&gt;</i> >>.	· * * * * * * * * * * * * * * * * * * *		<b>&gt;</b> <			_ ~ [	24.6	
	21.8	27.9	19.3	5.2	. 8	.3	L	1			- 1	100.0	4.5
									TOTAL NUME	ER OF OBSE	RVATIONS	•	900

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

TEARS

NUL

ALL WEATHER

0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 3	4 6	7 10	11 16	17 21	22 27	28 33	34 - 40	41 47	48 55	٠٤.5	%	MEAN WIND SHEED
N NNE NE	•1	1	1				•		·			.1	3.5 2.0
ENE E		•1	.1			_		•	 		_	•1	4.0 6.0
ESE SE SSE	•3 •2 •6	1.8 6	2.1 2.7	• <u>2</u> 2•3 • <u>4</u>	• <u>1</u> .	• 3		• •••		•		1.4 7.3 2.3	8.4 Le.5 7.5
<b>S</b>	•8 •8	<u>.6</u>	.3	•1	• • • · · · · · · · · · · · · · · · · ·		•   _ 	4	· · · · · · · · · · · · · · · · · · ·	* •		1.7 1.2	4.6
wsw w	1.7 1.2 4.7	1.3 1.2 3.4	1.0		•		·					3.7 3.4 9.2	4.6 4.9 4.0
NW WNW	6.2 6.7	7.7 12.1	2.4	•1 •6	•6		· ·	-				16.4 24.3	4.6 5.4 7.1
VARBL CALM		.6	1.3	•4. ><1	; ;><.:!	×.					· · · · · · · · · · · · · · · · · · ·	3.0 25.2	(•1
	24.0	29.9	15.0	4.2	1.3	• 3	L.	Ì		· · · · · ·		100.0	4.2
								T	OTAL NUMBI	ER OF OBSER	VATIONS		900

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION	COMO	X 8C DO	T APT	I NAME			54-6	3		YEARS				UN ONTH
		_			· ·	ALL WE	ATHER							-08 <u>0</u> 0
				·-		CON	DIT:ON				-			
ŗ	SPEED			-			: .						<b></b>	MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND Secto
-	N NNE	1.9	2.4	2.3	-1					j	-	•	6.8	5.6 3.8
-  -	NE ENE	•2	.2				! — !		1				.6	3 • B
ŗ	E E	.2	1.0	.9 1.2	1.1	.4	2	•2					1.6	5.9 10.8
-	SE SSE	.8 .7	2.1	3.4	2.7	4	.1						9.6 3.1	9.0 8.0
Į į	s ssw	•6	.8 .2	•1	• 2		t				_ :		1.7	5.9 3.6
	wsw _	1.3	.3	.3		-	-  -  -	_					2.1	4.2 3.8
 	<mark>WNW</mark> -	2.3 3.1	1.7 3.1	1.9		-	i •	: <del>)</del>	+				4.3 8.1	4-0 4-7
İ	NNW	6.6 1.4	8.9 5.2	7.4 5.7	2.3				; • =				24.7	6.0 7.4
	VARBL CALM					†	<del>!</del> . • .				-	_	13.8	
F 		22.4	27.8	25.2	9.0	1.2	.3	2	-	41 •	•	-	100.0	5-6
										TOTAL NUMBE	R OF OBSE	RVATIONS		900

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 CDMDX BC DOT APT 54-63

STATION STATION NAME

54-63

ALL WEATHER

CLASS

090C-110G

CLASS

090F-110G

CHND THIN

CALM	9.3	27.2		~~	.>~ -3.0+		*			- 1 · ·	3.C	
ARBL !							4	j	a.	1	į <sup>r</sup>	
NNW .	•8.	3.2	9.2	2.8,	.4			!		,	16.4	8.
ĎM ∏	. 9	4.1	3.6	•9.	-1			[		İ	9.6	7
wnw :	-1,	-1	• 2	!					:		. 4	6
w	.2.	.1	.1	!				ĺ	i		.4	4
wsw 🐰								!	,			
sw _						•	•					
ssw	$\cdot \bar{1}$		7 77 1	.2	•	•		•			.3	1
s	• 2	• 2		.1	,	•		•	*		. 7	- 4
SE SSE		.6	.7	.7.	• 2	• • •	,	•	*		2.1	10
SE	. 4	1.1	5.0	5.8	1.9	-3	•				14.6	1
ESE	-3	1.0	3.4	3.4	• 3	-1	•		,		8.7	10
E	1.1	2.1	3.2	. 2	,				*	•	6.7	
ENE	4	1.4	1.4	•	,		•	,	,		3.3	
NE NE	1.7	4.6	2.8	•			•				6.4 9.0	9
NNE	1.8. 1.2.	5.4 3.2	9•8. 2•0	1.3							18.3	7
N	1 6	<b>5</b> / .		1 9	,						• • •	5÷ (
DIR.	, ,	- 0	, . 10	11 10	17 - 21	27	18 3)	34 4C	4. 4. 48	11 155	9/	٨.
KNTS)  .	1 3	4 6	7 - 10	11 16	17 21	. 2 27						W

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 CIMIL RC DOT APT 54-63
STATION NAME

ALL WEATHER
CLASS
CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 6	7 - 10	11 16	17 21	22 27	28 33	34 40	41 47	48 55	>56	%	MEAN WIND SEED
_ N	1.2	2.0	5.4	1.1			į		:			10.3	7.3
NNE	1.3	2.3	1.9						;			5.6	5.6
NE	1.8	6.6	2.9							ļ .		11.3	5.4
ENE	• 3 .	2.7	2.9	• 1 .						ļ		6.0	6.4
_ E E	1.3	2.7	3.8	• 6 ,			:					L = . 8 • 4 .	6.6
SE =	-4.	1.5	5.5	5.0	1.8							14.2	11-6_
SSE	-• 7	2.일	5.3	7.4	3.1	•1.			4		,	18.5	li.6
5 5	-2	• 2	1.1	5.0	• 6				i	1 :		4.	11-7
ssw	6	• 3	-6	.• 2 !	- ± <u>1</u>				1	i		1.8	7.1
SW	•1	. • 3	1									• 4	4.5
wsw	•1	-2	-2	÷		•			-	ļ - 1	1	.2	5 • 2_
W		. •1	<u>-1</u> .						į			11 .	8.0
WNW	-2:	3	-1.						ł	1		•7.	<b>4.7</b> 5.0
N.M	! <del>.</del> .	1.5	2.2	- ·		. ,			ļ	+		4.5	7.1
NNW	• <i>6</i>	1.2		2.5	• 3				í	•		10.8	8.9
VAPBL	• •	. <b>L. L. Z</b>	5.3	2.0	• 2				:	' !		1. 20.0	0.7
CALM	j.	•	* .:	ا استنسا	· *		*	_ <	  ,~	'		2.5	
;	9.5	25.	3 <b>7.</b> 2	19.4	و ي	.1			•	1	•	100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

895

4.5 Det 501 AL SE SE SE THEFORM ARE DESCRETE

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION COMOX BC DOT APT JUN ALL WEATHER 1500-1700 HOURS LST . SPEED (KNTS) A IND DIR. SHID 3.2. 2.1 5.8 NNE 2.6 1.0 5.0 NE 3.8 1.3 1.8 . 9 ENE 3.1 •3 2.3 1.9 6.5 ESE 5.2 9.5 3.2 2.0 1.1 12.3 9.8 SE 3.9 1.6 26.0 S5E •6 3.3 7.3 .6 5 • 6 •6. SOW SW wsw 6.5 w . 4 . 9 • 2 4.6 WNW .3 • 9 4.6 ΝW 2.7 1.8 7.1 6.4 NNW 10.1 8.2 VARBL 3.1 CALM . 4. 15.1; 26.4; 32.4; 18.5 4.0 100.0 7.7

TOTAL NUMBER OF OBSERVATIONS

899

DATA PROCESSING DIVISION

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ <u>c</u>	UMOX	ec do	T APT	NAME				54-	-63			YEARS				UN
						ALL	WEA	ATHER ss	t				as a			~2000
			<u> </u>	٠			CONDI									
		~						**			=: : =					
	FED [	- :	. ,						· -		1					MEAN
ikn	- 11	1 - 3	4 - 6	7 - 10	11 16	17 -	21	22 - 27	28	- 33	34 - 4	10 41 - 41	7 48 - 55	≥56	%	WIND SPEED
, Di	- 11	+	<del>-</del> +	-		-	·· +-				ł		1	•	1.7	4.
- NI	N		-7	. • 2	• 1	1			ţ		1	ļ	1	•	7	3.1
N	- 11	• 4	1.6		•	•		-	*	-	+ -	•			2.0	4.1
+-	NE		.7	• <u>1</u>		+					1	1	•	-	1.3	4.6
	E	• <u>6</u> .	.8	• Ž		4	. 2 '	–	•		1	•		•	2.8	4.6
ES	- 11	1.0	1.3	2.6	1.2		. 4		•				ţ		6.6	8.3
	SE .	3.9	5.4	7.7	3.2		. 8		•		Ť	i	:		21.0	7.6
59	se I	1.4	3.6	2.9	1.1		. 2		•			[	Į.		9.3	7.0
	s i	2.1	2.0	1.2	.4	:	<u>. 1</u>		i			i			5.9	5.4
S	w il	• 7	-1	• 3	-1							1	4		1.2	5.5
. S	w	•9.	.8	• 9	3						•	ļ		1	2.9	6.1
W:	sw	-1;	1.1	• 6								į.	4	i i	1.8	5.5
6	w	1.9.	-8	• 1	,							- [	i	ļ	2.8	3.3
i	NM	•8,	1.2	• 3			٠.				+	ļ	1		2.3	4.4
	rw i	3.9.	4.6	4.9	1.6		• 2 .					1	1	1	15.2	6.4 8.0
	/W	1.1.	5.9	2.6	1.8		• 3					1		!		0.0
	ALM		•	بنر <sup>د</sup>	. ~	<b>.</b> ~		-	*	~	• ~		1	<u> </u>	13.9	
i.	i	22.0	27.1	24.7	9.9	. 2	.3		,		T .	•	7	•	100-0	5.7
-	-											TOTAL N	IMBER OF OBS	ERVATIONS		897

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					(i. i. O.i.					•							
24292 STATION	COMOX	<u>80</u> 00	T APF					54-63	<b>,</b>		 YEARS					<b>ال</b> ويا	JN NTH
STATION			STATION	7881		ALL W	FATI	HER								2100-	-2 <b>30</b> 0
					•	ALL M	CLASS	1121								H 7URS	(LST)
						c	NOT U	1									
															,		
	SPEED															2/	MEAN
	(KNTS)	1 3	4 6	7 10	11 15	17 [1	.72	27	28 (3)	34	40 41	47	48	751	>	3/	WIND SPEED
	DIR.		ı													. 9	5.l
	. N	• 1	• 3 ,	•4.												• 3	3.7
	NNE	• <u>1</u> .	•2													. 2	2.5
	NE .	-2	1	1	•											. 3	2.0
	ENE	. •3 .		• 3	. 3		•				,			•	•	1.4	6.1
	ESE	. 8 .	.8			• 2	· ·									2.8	9.0
	SE	2.2	1.8	4.0	1.4			.1		•		- :				10.0	7.9
	SSE	.7	1.0	1.1	.6											3.4	7.3
	5	2.2	1.3	. 8		-		•			,					4.3	4.1
	SSW	.2	. 9	• 3							1					1.4	5.3
	sw	1.1	1.2	. 8	• 2						i			1		3.3	5.3
	wsw	1.1	1.1	7	1					4	1				1	3.0 7.0	5.2 4.0
	w	4.2	1.9	. 9						1	İ			1	- 1	10.3	5.1
•	WNW	2.8	5.4	2.0	1.					+	1	4		1	4	19.6	6.2
	NW	3.7	8.7	5 - 8	1.4						i	•		1		6.4	7.8
	NNW	.6	2.2	2.3	1.2	. •	L.								1	•	
	VARBL	<u>.</u>	•	•				,	_	٠.		_ '	 	- k 	ì	25.1	
	CALM	1			r 1	Î	1			•		- 1		•			
		20.4	26.9	20-7	5.9		9	•1,		l	1					100.0	4.6
			-								TOTA	L NUMB	ER OF O	BSERVATIO	NS		900

DATA PROCESSING DIVISION

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

COMOX BC DOT APT

54-63

JUL 0000-0200

925

TOTAL NUMBER OF OBSERVATIONS

ALL WEATHER

ONDITE 1

SPEED (KNTS)	į. Li	1 3	4 6	7 10	11 16	i7 21 2	27 .9	3 - 4	46, 4	4 * 45	•	9/	M: AN M:ND SHEED
DIR.	- 11		. ,									. 5	3.2
N	Щ	•4.	•1.					•					
NNE	- 11			•	4							. 1	3.C
NE _	.	• <u>l</u> .										. 2	2.5
ENE	- ()	• 2 .	_ ;								•	. 4	3.5
E	.	• 2	-2	,	· .	a '	2 '	•				2.3	10.5
ESE	ļļ.	•1	• 6		• • • •	• 2	• 4 .	•		*		4.3	8.9
SE	- {	_ <u>1.</u> €	• 3	1.6	1.0.	•3.	• 4	•	•	•		1.7	6. l
SSE	-	.6	• 2	. 8	•1,		•	•	•			1.2	5.5
, S		• 5	• 4	. •1.		• 4	:	•	,			1.0	3.8
SSW	- 11	• 4	• 5									1.6	3.9
SW	- {}	1.2	• 2	• 1	•1,			•		•		. 8	4.4
WSW	- li	•4	+2	• <u>1</u> .			•	•	ŧ		,	5.2	4.1
. w	j)	2.6	2.1	•5				•	ì	•		15.7	5.1
WNW	- !]	5 <b>.3</b> ,	6.4	3.8	• 2 .	•			İ	*	1	37.1	5.9
NW	3	9.0	14.5	, 11.4.	2.1	• 2			i	4	i .	6.5	7.1
NNW	1]	.8	2.3	2.4	1.0.	• 1	*		¥ .			-	
VARBL	4		,	· + 1		*		•	i	1,	į, i	21.4	
CALM	1)	~~.	~		<b>→.</b> ;	~ .		• . •	` .				
I .			20.1	. 21 6		1.0	.3,					100.0	4.6
i.	į.	22.9	28.1	1 21.5	4.8	# • S	• ) ,	,					

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LUMU	X RC DC	STATIO	N NAME				54-6				YEARS					UL
				<del></del>	ALL V	CLASS	HER									-050
					c	ONDITION							·· =			
	-			· - <del></del> ·								-				
SPEED	, ————	<del></del>	1 :	,	, .				1					•	, .	
(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22	- 27	28 - 3	13	34 - 40	41	47	48 - 55	≥56	%	MEAN WHN
DIR.		, ,									,		40 33	- 70		SHEEL
N	.2	•1							1		1			•	.3	3.
NNE				] !		•	•				1			'	# .	
NE											i					
ENE				I					i		]				1	_
E	5	•1 •2 •5	1						ļ		i	1			-8	3
ESE	4	. 2	.4	. 2							!				1.8	10
SE	• 9	<u>• 5</u> .	•6	1.0	• .	} .					t			•	3.3	8
SSE	•1	5	8	3			4		- 1		ļ			•	1.7	7
. ssw	• 8	• 1	.3	.1					•		1				1.3	5
. SW	•2	<u>•1</u>	•2	1		1	•		•		+				1.5	6
wsw	1.0	.4	.4				•		•			•		į.	1.8	4
w	5.4	2.6	.5	†	ł	<u> </u>	•							İ	8.5	3
. www	9.0	8.8	3.7	. 1	•	1						1			21.6	4
NW	9.2	13.1	5.5	1.5	•	•			•		1	1		ļ	29.4	5
NNW	.5	1.0	1.3	. 8			·				1				3.5	7
VARBL	· !														ľ	
, CALM	1,50	esta esta esta esta esta esta esta esta	, ~ .	*	 	,	٠.,	~	,	, . <del></del>	ļ.,			· ~	23.8	
L	29.1	28.1	14.1	4.1		) i	i		i 1		1	,			100.C	4.
													ER OF OBSI			93

## PERCENTAGE "AEQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

YEARS

JUL

ALL WEATHER

0600-0800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 6	7 10	11 - 16	17 21	22 - 27	28 32	34 40	41 <b>4</b> 7	48 55	*56	%	MLAN WIND SPEED
N	1.1	3.1	1.9	. 2								6.4	5.8
NNE	. 2	. 8	1									1.1	4.5
NE	• 5	.2	l						, ,			. 8	3.3
ENE	.3	.1							1 . ;			. 4	3.5
E	1.1	• 2			•		_					1.3	3• <u>1</u>
ESE SE	•3⊥	. 3	1.2	5 .	• L :	.1.			,			2.6	9. <u>5</u>
	<u>-8</u>	1.4	1.6	8	4	. 1						5.2	9 <u>• C</u>
SSE	<u>•6</u> ,	• 9	1.2	.1.								2.8	6.5
<u>s</u>	-8.	. 3	1 :	. :	• 1 ,				! ,	•		1.2	4.4
SSW	• 2	• 2				•						• 4	3.8
SW	.4	. 4	1 .		i	l-						. 9	3.5
wsw	• 4		<u>.1</u> .	,	;	. 4		i	İ				3.4
w	2.3	• 5	Ι,						1	l i		2.8	2.9
WNW	3. <u>3</u>	4.4	1.7						,			9.5	
NW	8.0	12.0	8.5	1.6.			**		ļ	ļ j		30.1	5.7
NNW	2.5	6.1	10.4	. 2.4.	- 3 .				İ			21.7	7.3
VARBL CALM		,			`~.		<b>~</b> .		 			12.4	-
	22.9	31.1	26.8	5.6	1.0	•21	.1			!		100.0	5.3
									TOTAL NUMB	ER OF OBSE	RVATIONS		927

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX	BC DO	STATION	 ( NAME			54-6	3		YEARS			<u>j</u>	UL
	_				ALL WE	ATHER							-1100
					CONI	DITION				. <u>-</u>			
SPEED								1			п		
(KNTS)	1 - 3	4.6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
DIR.							20 55	1	1	1		/•	SPEED
N	1.4	7.2	12.9	1.4					•	ţ	· -	23.1	7.2
NNE	.8	1.8	1.5	-1	-= -	•		1-		† -—	! #	4.2	7 • 2 5 • 8
NE	1.2	3.1	1.1							L		5.4	4.9
ENE	.6	2.4	1.4	.2				1			· ·	4.6	5.8
E	.6	1.9	1.5	.2,		: •					. !	4.3	6.0 9.6
ESE	. 3	-6	4.0	1.3	• 5			·	1	1		6.8	
_ SE	.2	1.5	4.4	1.9	. 8	6		1 .	1			9•5.	10.9
SSE	-1	• 6	• 1	• 6	• 1.	k =.	•	• -	!	!	i !!	1.7 1.2	8-4
s ssw	.2	<u>•3</u>	• 3	.3			+	•	ł	1		1.2	7.6
Sw	-1						•	•	i	ł · ·	. I	.1	3.0
wsw				, ;	- +		t	1	t	-	1 1	,	<b>30</b> 9
w		•1		+ +	1		•		i ·	1	1	.1	4.C
WNW	- 2	•2	•2				•			1	1	• 6	5.2
NW	• 9	1.3	3,7	1.1	• 2							7.1	7.9 8.3
NNW	1.1	6.2	17.4	4.C	• 1	1			i			28.9	8.3
VARBL	į	. ,	+							<b>t</b> .			
CALM	>< ;	[;>< ,			, ~ .		×.,	J. 1942 (	-		~	2.4	
	7.7	27.5	48.5	11.2	1.9	8	1		1		i 1	100.0	7.6
									OTAL NUM				

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT

54-63

- YEARS

JUL

ALL WEATHER

1200-140G

CONDITION

SPEED (KNTS)	1 3		7 10	11 16	17 21	22 27		8 33	34	40	41 - 47	48 5	156	9/	MAAN ON: N
DIR.	1 - 3	4 0	, 10	11 10											SPEED
N N		. 0		ο.						•				16.5	7.5
NNE	≛≛ -	4.9	10.2	.9 .1		-	•			;		•		5.1	6.0
NE	• • • • •	2.5	1.9	• 1					•					8.3	5.4
- 11	¥•0	. <u>4 • 1</u>	2.6	. 1		•			•			•		6.6	5 • 8
ENE	• <u>9</u> ,	3.3	1.9		<b>⊢</b> -	•			•		1	1	•	5.7	6.1
E	• 9 ,	2,6	7 = 111	3.3		4 -	٠					1		11.7	9.8
ESE	•1.	1.5	6.6	3.0	. 5	٠ .			•		* * * * * * * * * * * * * * * * * * * *	!		15.1	10.4
SE I	• B	1.5	6.6	4.0	9		٠. د		L ·		•	İ	ŧ.	2.7	9.8
SSE S		• 6	. 8	1. <u>1</u> .	. 2	• • • •	+		÷			1		1.3	9.3
11	•3.	•2	. 1	6	,	4	4		<b></b> · · ·		t ·	1	ļ.	. 2	7.5
SSW	1. ;	• 1	.1			*			ł			4		. 3	4.0
sw	! .	• 3				,	1		t		1	!	ł	1	3.0
wsw	1		1				1					1	1	2	5.0
w		.2							1		1	ļ	ŀ	6	5.0
WNW	•2.	.2	. 2						1		1	-	į ·	3.5	9.4
NW	.2	. 3	1.9	1.0		,			ļ		1	i	· F	20.8	8.6
NNW	.6	4.1	11.6	3.9	. •5		+				ł	,	1	20.0	
VARBL	1_		1		,	t			•			4		1.4	–
CALM	~ ><	×	يعر	, × 1	1 mar.	٠.		۸.,		×	J	<del>`</del>		1.7	
	6.7	26.6	46.9	15.7	2.3	† . •	5 ,					1	Ť .	100.0	8.0
	. <del>.</del>	===				•	-				TOTAL NUA	ABER OF C	BSERVATIONS		930

TOTAL NUMBER OF OBSERVATIONS

928

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMO	x <u>BC</u> DD	T APT	N NAME	-	<del></del>	54-6	3		YEARS				UL
					ALL W	EATHER CLASS			·				-1700
					cor			<del></del>					
SPEED	, ·- · · · ·	. —	[ i			–	·	,				7 (	MEAN
(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND SPEED
N	1.4	4.5	4.3	2	1			-	i			10.5	5.9
NNE	.5	1.5	3		<u> </u>			i	Ţ			2.4	4.9
NE ENE	2.3	5.8 3.7	1.1		Į.	:		į	1 .		_	9.2	5. C
E	1.2	2.3	1.3		† .	ļ	• · · · · · · · · · · · · · · · · · · ·		•			- 4.7	$5.\overline{1}$
ESÉ	•2	1.8	4.1	2.0	.3							8.5	9.2
SE SSE	1.1	3.0	8.3	6.1	. 8	+ .2		•	1			19.5	9-6
S I	• <u>5</u>	1-1	1.8	1.1	+	<b>.</b>	<b>.</b>	• • •	1	! <u> </u>		2.3	8.2 6.4
ssw	. <u>. i</u> i	•1	•3	.1	.1	4			:	†		. 8	8.6
sw	• 2	. 4	• 1	1		1	-	į	1	]		. 9.	5.6
wsw .			• 1	•	¥ = =		ļ	t				•2.	7.5
www	•1 •1	<u>•1</u>		ŧ	•	į.	L	İ		j j	-	. 5	. 5.3 4.8
NW	.8	3.1	4.0	. 9	.1	+			1	. !		8.8	7.3
NNW _	1.0	4.1	9.5	3.1		• 1		,	!			18.6	8.7
VARBL CALM	*		•	; <i>≫</i>	F		. *			•		3.3	
-	10.8	22.4	37.0		2.2	• 3	+		+			100.C	7.3

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME 54-63 JUL 1800-2000 ALL WEATHER CONDITION SPEED (KNTS) WIND DIR. SHEED Ñ 4.9 .2 5.5 NE 3. B - 8 ENE E ESE 3.3 SE 18.0 SSE 2.0 S SSW SW •6 4.0 -8 wsw 1.1 w 2.0 3.7 WNW NW 6.8 5.8 NNW VARBL CALM 24.2 | 23.3 | 21.2 | 13.2 100.0 5.6

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 CONOX BC DOT APT TOL 54-63 ALL WEATHER 2100-2300 SPEED MEAN (KNTS) 22 - 27 DIR. SPEED Ν 5.1 5.0 NE 3.0 ENE Ė ESE SE 8.6 SSE S SSW SW wsw w WNW 9.6 NW 29.B 12.6 NNW VARBL CALM 23.B 19.5 27.1 21.3 100.0

TOTAL NUMBER OF OBSERVATIONS

926

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION

STATION

STATION NAME

ALL WEATHER

CLASS

CONDITION

CONDITION

AUG.

WEARS

VEARS

VEARS

AUG.

WONTH

OD CO - C 2 CO.

HOURS : L S T.)

SPEED   1 3   4 6   7 10   11 16   17 21   22 27   28 33   34 40   41 47   48 55   *56   **   MEAN   MIN										****	BER OF OBSE	BVATIONS		9.
(KNTS) DIR.  N		28.7	23.8	13.0	2.2	• 2		ı	ļ	!			100.C	3
KNTS	CALM	1		· ~ ~ .		- 1		, `	11 7	1	. `	r	;	
KNTS		+		+	,			_	· ·	. <del></del>	the new		32.1	
(KNTS)     1 3 4 6 7 10 11 16 17 21 22 27 28 33 34 40 41 47 48 55 56 % WiN SPEE       DIR.        N        NE        SEE        SE        SE        SSE        SSW        SW        WSW        WSW        NW     4       YOUND        1        1        1        2        3        4        3        4        3        4        4        3        4        4        4        4        4        4        4        5        6        1        4        5        6        7		1.2	1.5	<u> </u>	. • 3 .				•	1	!		r = <b>**</b> ` .	.,
(KNTS)     1 3 4 6 7 10 11 16 17 21 22 27 28 33 34 40 41 47 48 55 56 %     WIN SPEED       DIR.     -4 -2     -6 3       NNE     -1 -1     -2       ENE     -1 -1     -2 -2       ESE     -3 -2 -2 -2     -2 -2       SE     1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										İ	+ • • •			
(KNTS) DIR.  N										1				
KNTS				.1							-			
KNTS	wsw		. 3	١ -		;			1 .					
(KNTS)	sw	H 7 1		2					4		· • · · · · · · · · · · · · · · · · · ·			3
(KNTS)					•	•	* * **		:	į -			,	
KNTS				• • • • • •		. <del></del> .		<b>+</b>	*	†	! !		1.0	3
(KNTS)	. 1			1	•• • • •	1		• •	+	-	† ·-	•		
(KNTS)		• • •		+		. 1		•	•	:	!		5.0	
(KNTS)	- 1	<del></del>		ļ <u>-</u> 1	• <u>Z</u> ,		-	•	i		<del>,</del>			
(KNTS) 1 · 3 · 4 6 7 · 10 · 11 · 16 · 17 · 21 · 22 · 27 · 28 · 33 · 34 · 40 · 41 · 47 · 48 · 55 · 56 · % · WIN SPEE N	- 3	_ <u>•1</u> +		ļ l	· · · +					†	,	- 1		
(KNTS) 1 · 3 · 4 6 7 · 10 · 11 · 16 · 17 · 21 · 22 · 27 · 28 · 33 · 34 · 40 · 41 · 47 · 48 · 55 · 56 · % · WIN SPEE N		1	, <u>• 1</u>						•	<u>+</u>	ļ ·		; = · • <del>·</del> · · · · · · · · · · · · · · · · · ·	
(KNTS) 1.3 4 6 7.10 11 16 17 21 22 27 28 33 34 40 41 47 48 55 *56 % WIN SPEE	NNE			]		4			L	i			!	2
(KNTS) 1.3 4 6 7.10 11 16 17 21 22 27 28 33 34 40 41 47 48 55 756 % WIN DIR. SPEE	N	.4	-2	į į					1	†	· - ·		6	્ કે
(KNTS) 1.3 4 6 7.10 11 16 17 21 22 27 28 33 34 40 41 47 48 55 756 % WIN	DIR.			i .					1				!	
		1 - 3	4 6	7 - 10	11 16	17 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	~56	%	WIN

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Z4292 CDMOX AC DOT APT 54-63

ALL WEATHER
CLASS

AUG WORTH

O 30C-0500

HOURS 15 5 7

SPEED MIAN (KNTS) V. ND DIR. s-EED N 3.6 NNE NE ENE 3.0 3.0 7.3 £ ESE SE SSE S SSW SW wsw W 3.5 19.5 23.2 WNW 4.2 NW 4.4 NNW VARBL 32.6 CALM 31.7 | 24.5 | 9.01 100.0 3.0

TOTAL NUMBER OF OBSERVATIONS

930

	AIR FORCE ENVIRONMENT COMOX APT, BRITISH CO NOV 65	TAL TECHNICAL DLUMBIA, CANA	APPLICATIONS DA. REVISED UP	CENTERETC	F/G 4/2 Y OFETC(10)
CHCLASSIF IED	USAFETAC/DS-81/035		SBIE-AD-E850 (	63	NL.
2 °F 4					
		<u> </u>			

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_	COMO	X FC DO	T APT	NAME			54-6	3		YEARS				UG -
		_					ATHER							-080
		_				CON	DITION .		·· - ··		-			
		_						-						
	SPEED					-			Ī	· · -		. ,	i :	MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	' 11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	. <b>48</b> 55	≥56	%	WIND SPEED
	_N	1.1	1.5	1.3	1		• . , 1	•	†		+		3.9	5. <b>5</b>
_	NNE	.3	.2			 I.				İ	İ		.5	4. C
	NE	.1			<u></u>	<u></u>					Ì		•1	2. <u>C</u> 9.0 2.9
<u> </u>	ENE			1	ļ								1	9.0
	E	.6	.1				í	• .	į .		-	i	L • 8 .	2.9
-	ESE SE	• 5	.3	. 5	8	ļ <u>.</u>			<b>-</b>		!	-	2.2	7.8 9.2 6.2
_	SSE	1.3	1.1	1.5	1.8	- •B	ļ• ļ	-	ļ	ļ	-	,	6.6	9.2
	S	.9 .5	_ <del>.9</del>	1.0	• 2	<del> </del>			1				2.9	6.2
_	ssw	.4		1		ļ			<u>.</u>	+	<del> </del> -		- 4.3	4.1 5.0
	SW	.6	.3	•1	<del> </del>	<del></del>		+ - ·	<u> </u>	-			1.3	3.9
:	wsw	• 3	.2			† ·	l		+- · ·				5	3.6
	w	3.2	1.4	• 3	-1			!	+	1		1 1	5.1	3.6
	WNW	6.3	5.4	1.4	1				İ		Ī — —	i i	13.1	4.2
	NW	10.9	8.5	5.6	-6							]	25.6	4.8
i	NNW VARBL	2.0	4.1	5.6	1.3			•	• -				13.0	6.8
	CALM				<u> </u>		$\sim$	><					22.7	• •
		29.2	24.6	17.7	4.8	. 8	_1				1 - 1	₹ †	100.0	4.2
										TOTAL NUM	BER OF OBSI	ERVATIONS		93.0

930

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

## SURFACE WINDS

930

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AUG 24292 COMOX BC DOT APT
STATION NAME 54-63 0900-1100\_ ALL WEATHER CONDITION

SPEED (KNTS) DIR,	1 - 3	4 · 6	. 7 - 10	11 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 55	*56	%	MEAN WIND SPEED
N	1.7	8.0	10.0	1.2								20.9	6.7
NNE	.6	2.9	1.4	<del></del> .		•						4.9	5.7
NE	1.3	3.0	.9	+								5.2	4.7
ENE	9	2.2	1.8									4.8	5.9
_ <del>E</del> {	.6	2.0	1.6	. 2						•	,	4.5	6.1
ESE	.3	1.0	2.5	2.3	• 3	1						6.5	9.7
SE	•9	1.3	3.4	4.2	1.2	4				ļ		11.4	11.0
SSE	2		3		_ <u>• 1</u> .		•			ļ		. 1.2	9.7 9.3
S SSW	•1	• 2	<u>.</u> 2	• 3			<b>.</b> .		į.	;	į	• 9	9.3
SW				·	· ·	i	+	·	1	·			
wsw -			-1	ļ			-	+	•	1	,		6.0
w	•1	.3		·	-	· -	1		t	!		3	5.0
WNW	-1	•2	1	+ ••	•	+				ļ		. 4	4.8
NW	2.4	1.9	4.0	.6		•	: - ·					8.9	6.4
NNW	1.4	6.0	15.2	1.8	• 2	•		•		·	1	24.6	7.7
VARBL					1		•	•	1	•			-
CALM					>	$\sim$ $\sim$		``	[]><_^			5.3	
'	10.6	29.1	41.5	11.1	1.8	. 5	1		1	1		100.0	7.1

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX BC DOT APT STATION NAME 24292 STATION 54-63 AUG MONTH ALL WEATHER 1200-1400 CLASS SPEED MEAN (KNTS) 1 - 3 22 . 27 WIND DIR. SPEED 17.5 6.0 9.2 8 6.8 2.6 NNE 1.3 3.7 7.5 5.6 3.9 2.8 NE 2.5 7.6 14.0 5.2 ENE . 8 5.9 4.C 7.6 E 1.3 .4 6.8 2.3 4.3 8.3 3.0 7.3 ESE 1.1 4.0 9.2 10.1 SE 16.8 10.4 3.3 .8 SSE 1.7 •2 • 6 9.4 8.1 1.4 -1 .4 .6 -11 SSW SW wsw w .1 .1 WNW 5.0 NW .9 2.6 6.4 NNW -8 2.0. 10.8 8.4 6.7 CALM 2.5 10.0 30.9 40.0 14.6 100.0 7.4

DATA PROCESSING DIVISION

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

- YEARS

TOTAL NUMBER OF OBSERVATIONS

AIJG

ALL WEATHER

1500-1700

929

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - <b>27</b>	28 - 33	34 40	41 - 47	48 55	*56	9/0	MFAN WIND
DIR.	1		1				20 20	34 40		40 /3	.0	/0	SPEED
N	2.3	5.6	2.3	. 2			•		•			10.3	5.3
NNE	1.6	1.8	- 5	1					•			4.0	4.2
NE	3.0	4.7	. 8	Í i								8.5	4.4
ENE	1.7	2.3	. 8									4.7	4.7
E	2.2	3.4	1.5			1				•		7.1	4.9
ESE	-6	2.4	3.2	2.0	. 9	.1						9.3	9.2
SE	3.0	4.8	8.5	5.6	1.9				i			23.9	9.0
SSE	.9	1.6	1.0	1.4		1 .				•		4.8	7.6
5	.4	. 9	.3	• 2					j :			1.8	6.2
SSW	.2	.3	• 2									. 8	5.3
SW	.1	.2										. 3	4.7
wsw	i	.1							[			-1	5.0
w	-1	1	.1									".3	4.7
WNW	.1		.3							Ì		.4	6.6
NW	1.4	2.0	2.3	• 3	• 2							6.2	6.4
NNW	1.6	2.6	5.6	1.6								11.4	7.6
VARBL	-								į	i		i	
CALM	<u>&gt;</u>	<i>&gt;</i>		_><<	>~ .		~	🥆 ]	~ _	$\rightarrow$		5.9	
	19.3	32.9	27.3	11.4	3.0	-1	i		!	Ţ		100.0	6.5

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

92	COMO	X BC DC	T APT	N NAME			54-6	53		YEARS				UG
		_			<u></u>		EATHER LASS		· ·				1800	2000
		_				CON	DITION			<del></del>				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	2.2	.6	1					ļ·	· 	1		2.9	3.2
-	NNE NE	1.1	.1	1			l	ļ	<del>-</del>			-	1.2	4.7 2.8
ļ	ENE	.6	.1	.1				† ·					. 9	3.8
-	ESE	1.9	1.4	1.3	.4	.3	. —	{ · · · · · ·	<del> </del>		<del> </del>		2.5 4.2	3.2 7.5
-	SÉ	3.9	3.7	5.6	2.9	.3	l						16.4	7.2
L	SSE	-1.7 2.2	1.5	1.6	•5	<del> </del>	ļ ———	<del> </del>	<u> </u>				5.4 3.9	5.9 3.9
į-	ssw	.3	.1	•1			† · — · — —	† — · - · · · · · · · · · · · · · · · · ·					. 5	4.6
ŀ	sw 	1.2	.8	.3				<u> </u>	<del> </del>				1.6	3.9 4.2
	w	1.4	.4	. – – <b></b> .		† · · · · · · · · · · · · · · · · · · ·	1	1	T	ļ - —-			1.8	3.1
<u> </u>	WNW	2.2	1.3				ļ		<u> </u>		<del> </del>		4.1	4.3
Ė	NNW	5.9 1.7	2.2	2.3	1.6		· · · · ·	· - ·	I				_16.6 	5.7 6.7
-	CALM							<					29.3	
f		27.6	18.8	17.0	6.7	.6		1	·		1 1		100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

929

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	.? 27	28 - 33	34 - 40	41 - 47	48 55	-56	%	M: AN W/ND SFEED
N	.6	.4.	.1	.1	-							1.3	4.7
NNE	-1		į									. 1	3.0
NE			Í				;					l .	
ENE	1		ļ			i .						-1	3.0
E	.2		ļ. <u> </u>									. 2	3.0
ESE	-3	. 5	1.3	. 2								2.4	7.1
SE	1.3	1.6	2.8	1.7	. 5	1						8.0	8.4
SSE	.8	_ <u>. 5</u>		•1	1		•		1 .			2.0	5.9
- s	1.1	.4	2				4 _		1			1.7	3.8
SSW		3										- 4	4.3
SW	.8	.4	:						i :	i		1.2	3.1
wsw	8	4	1									1.3	3.9
<b>w</b>	2.8	1.5	4			)			}			4.7	3.7
WNW	3.	3.6	1.4			1 -		_	_			8.3	4.4
NW -	8.9	10.9	7.0	1.2			1			. (		28.0	5.3
NNW	1.0	1.1	2.2	• 3	. 1		<u> </u>					4.6	6.8
VARBL	-					į							
CALM	$\geq \leq$	><.		><	$> \sim$	->(	×	L - " \ _	~		**	35.6	
	22.2	21.8	16.1	3.7	8		L			,		100.C	3.6

TOTAL NUMBER OF OBSERVATIONS

928

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

YEARS

TOTAL NUMBER OF OBSERVATIONS

SEP .-

ALL WEATHER

3000-0200

895

CONDITION

3 4 6 •7 • 3 •4 • •1 • • 8 •1 • • • • • • • • • • • • • • • • • •	1 1 1 2 1 1 2 2 3 2.5 8 1.0 3 .2	•1 16 •1 •3 •3 •3	17 21	27 27	28 33	34 40	41 47	48 55	756	.9 .3 .6 .3 1.2 10.4 2.6	3 3 3 6 4 12 10 6
.3 .4 .1 .8 .1 .5 2.	1 1 1 2 1 1 2 2 3 2.5 8 1.0 3 .2	2.3 .3	.4			· · · · · · · · · · · · · · · · · · ·			. :	.3 .6 .3 1.2 1.2 10.4 2.6	2 6 4 12 10
.3 .4 .1 .8 .1 .5 2.	1 1 1 2 1 1 2 2 3 2.5 8 1.0 3 .2	2.3 .3	. 4		• 2	+ +		· · · · · · · · · · · · · · · · · · ·		.6 .3 1.2 1.2 10.4 2.6	12
.1 . .8 . .1 . .5 .2 .	1 .1 2 .1 1 .2 3 2.5 8 1.0	2.3 .3	.4		•2	† †				.3 1.2 1.2 10.4 2.6	12
.1 . .8 . .1 . .5 .2 .	1 .1 2 .1 1 .2 3 2.5 8 1.0	2.3 .3	.4	• •		† †		· · · · · · · · · · · · · · · · · · ·		1.2 1.2 10.4 2.6	12
•1 • • • • • • • • • • • • • • • • • •	2.5 8 1.0 3 .2	2.3 .3	. 4		•2	† †		1 , , , , , , , , , , , , , , , , , , ,		10.4 2.6	10
•1 • • • • • • • • • • • • • • • • • •	2.5 8 1.0 3 .2	2.3 .3	.8		2			, , , , , , , , , , , , , , , , , , ,		10.4 2.6	10
<u>.4</u>	8 1.0 3 · •2	. 3	8	<u> </u>	<u> 2</u>		İ		. 1	2.6	-
	32		•			-	1				
	32										
. 4									. !	1.8	
								,		. 6	
.9						Ļ	į.	į į	!	1.2	
.9	2 .2	,		;	1	i .	į.	;		1.3	
		-		1		1	i	1		7.5	
	3.2	. 2	1						i	15.6	4
6.		. 8				į.		ļ	. !		•
•4	6	. 1.1	. •2		<b>.</b>	1		,		3.2	•
<b>‡</b>	+ _				1	1			. ]	:	
< > ~ .	12		1	-	~				~ ~	35.4	
. 4 10	4 11 7		1 0		, ,		1	! !	1	100 0	
	.9 .1 2. .0 5. .9 6.	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .9 6.3 2.6 .4 .6 .9	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .9 6.3 2.6 .8 .4 .6 .9 1.1	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .1 .9 6.3 2.6 .8 .2 .4 .6 .9 1.1 .2	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .1 .9 6.3 2.6 .8 .2 .4 .6 .9 1.1 .2	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .1 .9 6.3 2.6 .8 .2 .4 .6 .9 1.1 .2	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .1 .9 6.3 2.6 .8 .2 .4 .6 .9 1.1 .2	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .1 .9 6.3 2.6 .8 .2 .4 .6 .9 1.1 .2	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .1 .9 6.3 2.6 .8 .2 .4 .6 .9 1.1 .2	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .1 .9 6.3 2.6 .8 .2 .4 .6 .9 1.1 .2	.9 .2 .2 .1 2.9 .4 .0 5.0 3.2 .2 .1 .9 6.3 2.6 .8 .2 .4 .6 .9 1.1 .2 .3.2

899

TOTAL NUMBER OF OBSERVATIONS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMO	BC DO	T APT	N NAME		SEP								
					ALL WE	ATHER			YEARS			03Q0	0-050
					con	MOITIG							
				·	,	·	· 	τ		- <del></del>	<del>-</del>	<b>.</b>	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	1 11 - 16	17 - 21	22 - 27	28 - 33	34 - 40 	41 - 47	: 48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1			l	i		1	1		i	• 2	4.
NNE	.1					i		[	1			- 1	2.8
NE		.1						1				. 1	5.
ENE					I	I _				I			
E	.3		.1		I			1				. 4	4.
ESE	-1	-1	_•2	.4	.4		.1	<u></u>		1.		1.6	15.
SE	8	1.6	1.9	3.4	1.1	.6	ļ					9.3	11.6
SSE	.4	.3	7	.7	.3	i	<u> </u>		1			2.4	9.
_ s	.7		. 1		ļ	ļ <del></del>	1	<del></del>				9	3.
ssw	.2	1	.1	1	į.		·	ļ				• 4	3. 4. 3.
SW	-6	3				· · · _ · · ·				<u> </u>	ł	9.	3.0
WSW	7	.3.	-1		ļ		ļ .			-	į	1.1	4.0 3.7
- www	4.7	2.6	• 0	i -	i	F	1					7.8	3.
NW	7.6	7.2	2.2	. 3		•		ļ <del></del>	ļ ·	ļ		17.4	4.9 5.1
NNW	6.3	4.9	3.2	1.6		•	+ -	·	-	ļ	1 - 1	2.4	
VARBL	1.1	<u> </u>	3	3				• • •	† ·		1 1	£ • T	5.
CALM	$\geq \downarrow$		$\sim$		-	<u> </u>	; ×	·	2	~		38.7	-
	23.7	18.5	9.6	6.8	2.0	.7	.1	1		İ		100.0	3.8

DA1A PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

TEARS

SEP

ALL WEATHER

0600-0800

CONDITION

SPEED KNTS) DIR.	1 - 3	4 6	7 10	11 - 16	17 21	27 27	28 33	34 40	41 - 47	48 55	-56	%	MEAN WIND SPEED
ν _	.7	•6					•					1.3	4.2
NNE	-1	1										• 2	4.0
NE _	•2					į		1				• 2 ,	3.0
ENE	<u>•1</u> .							ļ			-	• <u>. 1</u> .	<u> 3.0</u>
E	<u>.</u> .	• 1.		:				+	1	,		• 1	5.0
ESE	•2 .	• 1	• 2	<u>.</u> 8	2	•1	<u> </u>	ļ ··	+ -			1.9	14.1
SE	• 8 .	. 1.•1	2.9	3.3	1.4	• *	• 1	1	1	i ,		10.1	11.8
SSE S	• 3 .	• 2	• 9	• 9	• •	1	+	<b>.</b>		i ,		2.4	9.5
ssw -	1.4.	2					1	+	į			1.6	4.2
SW	•2	• 1		• Ł .			•	+ -·	1			• 4	6.3
wsw	.7.	2						+	†				2.9
w	2	4	• 1		<u> </u>	+	+	· -	1	- j		6.6	3.5
www.	4 • 7	1.6	2 2	·		1 -	-		1	ļ · !		15.7	4.5
NW	8.4	6.7	2.1 3.8	1.0	•	•	; !	1		· i		19.3	5.0
WNW	1.0	6.1 1.4					÷	†··				4.7	6.7
VARBL -			1.6	• 6	•	•	•	1		. !			٠.
CALM	><\	<u>~</u>				× .			_ <		<u> </u>	33.7	
h	25.6	19.0	12.C	7.0	1.9	-6	. 3	l				100.C	4.1

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

							STATION NAME 54-63  ALL WEATHER  CLASS								
		CONDITION													
SPEED (KNTS)	1 . 3	4 - 6	7 - 10		 17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55		:	MEAN WIND		
DIR.	1.3	4.0	/		// . 27	22 . 27	20.55	1	· · · · · · · · · · · · · · · · · · ·	40 . 33	. 50	76	SPEED		
N	5.3	7.1	5.7	. 3						•	1	18.	5.4		
NNE	1.1	1.7	.6				·			,	1	3.3	4.6		
NE	1.4	1.3	-2					<u>}</u>			1	3.0	4.1		
ENE	.8	8.					4 <del></del>	1	† !	, ,		1.6	3.8		
E	1.3	1.7	.7	-1			† · · · · · · · · · · · · · · · · · · ·	1	i : ;	· .	- ;	3,8	4.9		
ESE	.6	.7	2.0	1.4	.3	.2		i		:		5.2	10.3		
SE	1.1	2.8	3.9	4.0	2.4	1.1	. 2	Ī -	1			15.6	11.6		
SSE		. 8	-8	1.3	. 1			i			I i	3.0	10.2		
s ]	.8	.6	•1	_			_		ii	i i	}	1.4	3.6		
SSW		1	ĺ				+	1 4			ì	.1	5.0		
SW	.6			. 1			1	<b>*</b>				•7.	4.7		
WSW	1	<u>.1</u>					1		1			• 2 .	3.0		
w	.3	<u>• 1</u>	. 1				+ -				į	• 6	3.8		
WNW	.2	. 7	7	. 2				·				1.8	7.2		
NW -	1.8	2.4	3.0	. 9	3	L		1		L	į	8.5	7-1		
NNW_	1.6	6.7	12.1	, 3.0,	. 1					. ;	į	23.5	7.7		
VARBL -			+. :	ı. <del>1</del>			k	4,			1				
CALM	><;	<i>&gt;</i> < .	><		, , <sup>*</sup> *		•	1	J		. ^ }	9.2			
	17.0	27.5	29.8	11.5	3.3	1.3	۶.	1				100.0	6.8		

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION COMOX SC DOT APT

54-63

- TEARS

SEP

ALL WEATHER

1200-1400 HOBBS (C.S.T.)

CONDITION

	16.3	31.5	28.4	14.0	4.6	1.0	.1	i•1			100.0	7.4
CALM			· · · · · ·		* ~ M	,	* .	* .	· • · ·	·u l ·u ·u ·u ·u ·u ·u ·u ·u ·u ·u ·u ·u ·u	- <b>4.0</b>	
VARBL I	-4.	2.8	. 6.1		. • •	• • · · ·		•		i	i .	
NNW NNW	-4	1.5	2-4	. 1.0. 2.7.	•3	.1		•	<del> </del>		12.4	8.9
WNW	•1	.2	-1	· • • •	٠.	, ,		1		1	5.7	8.8
w	-1	. 2										5.3
wsw	4		!					:	1		. 3	4.0
sw												
SSW	• • •	<u> </u>									- 1	15.0
- S	<u>.6</u>	.2		. 2	,	•			į		1.0	5.4
SE SSE	1.2.	3 <u>.6</u>	2.0	0	203.	• • •		•	•	•	3.8	8.6
ESE	. • 9	1,1	2.8	3.1. 5.0.	2.5	.7	-1	. ••	•	•	17.6	10.7
Ε	1.2	2.6	1.2	•.2	, ,	1 .		. 1			9.6	11.3
ENE	1.2.	3.6	1.0								5.3	5.3
NE _	4.7	4.9	1.0		,						10.7	5.2
NNE	2.1	3.6	.8								6.5	4.6 4.2
N	2.7	6.8	6.4	.7							16.5	6. I
KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 16	17 21							SHEED
SPEED			7 - 10	11 16	17 21	1. 27	08 03	34 - 40	41 47 48	55 155	%	WIND

1210 WS FORM 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Ź

ALLIED/EGRY BUSINESS SYSTEMS

0524

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

892

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX EC DOT APT SEP WONTH 24292 \_\_\_\_ YEARS ALL WEATHER 1500-1700 CLASS CONDITION SPEED W-ND SPEED DIR. N 9. 4.7 2.1 7.5 .9 2.8 NNE 3.8 3.8 NE . . 3 3.5 1.2 1.2 4.3 ENE 1.6 3.8 ε 3.0 ESE <u>.8</u>+ SE 5.0 3.6 4.5 7.5 SSE 1.3 2.6 . 8 5.8 SSW 3.0 4.0 SW WSW 3...3 ... W WNW 1.8 5.4 ·6; 2.0 8.5 7.2 NW . 2 2.7 11.0 NNW 1.8 VARBL 13.0 CALM 100.0 6.0 25.3: 25.3: 21.2: 11.2

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 \_\_\_ COMOX BC DOT APT

54-63

YEARS

SEP

ALL WEATHER

1800-2000

CONDITION

(KNTS)	1 - 3	4 6	7 10	11 16	17 21	21 27	26 33	34 40	41 47	48 55	-56	9/	MEA: W/N
DIR.													>+EE
N	. 3 .	. ز										. 7	4
NNE	.4	• 2				-	•					. 7	3
NE	1.1.	-1					•					1.2	2
ENE	.4					,						. 4	2
E	1.2	. 3	• 2	.2		•		•				2.0	4
ESE	.7	.8	.9	. 9			• •			•		3.2	8
SE	3.9	1.8	4.5	3.3	1.5		.1	.1		•		15.6	9
SSE	2.0	1.1	1.6	. 8	- 1	. • •		• 1 :		•		5.6	6
_ s	1.8		•6	, , ,				•				3.1	4
SSW	.4	- <u>• [</u> ,	2		• 1		•	!				-	4
SW	1.2	.6	• 3	•		•		,	1		-	2.1	3
wsw	.6	.3		•				- 1	, ,	1			
-w	1.8	1	•.≛ ,				4	ł	1	1		1.0	3
WNW		2.6	•2,						ł	1		2.6	3
NW -	2.7	2.5	, 9,	• 6			:			i		6.6	5
NNW	3.9	3.5	3.1	. 8 .				j	ļ			11.3	5
	- <del> </del>	1.5	1.8	1. • € .						l .		4.2	8
VARBL	∔	+							, j		ل		
CALM	><	<i>&gt;&gt;</i> ~ ;		_~~i	~		<b>*</b>		J. *	7.	34,	39.0	
- [	22.5	14.3	14.3	7.6	1.7		1			•	-	100.C	

TOTAL NUMBER OF OBSERVATIONS

896

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

SEP

896

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

54-63

24292 CDMOX BC DOT APT HONTH 2100-2300 ALL WEATHER HOURS (LST) CONDITION SPEED MIAN (KNTS) WIND 7 - 10 st: ED DIR. NNE 3.3 NE ENE ESE SE 3.3 SSE 5 . 3 SSW SW WSW .6 2.6 1.5 4.5 WNW 5.0 7.0 10.3 3.8 5.0 . 8 16.4 NW 8.1 NNW .9. 3.5 VARBL 38.5 CALM 100.0 3.7

150524

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMOX	BC DO	I API				54-	3		YEARS				C T
		•			ALL WE	ATHER						0000	
						LASS							(LST
					CON	DITION	<u>-</u> -						
SPEED	<sub>1</sub>		= -1				T	1		ī			
(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 - 27	28 - 33	34 40	41 47	48 - 55	≥56	%	MEA
DIR.	1								ı	İ	ĺ		SPEE
N	.4								i	1		. 4	2
NNE							1	1	i		]		
NE	.1					1				Ĺ	i	i	2
ENE	.1			:			+	ļ ·		1	<u>'</u>	1	3
E	1	<b></b>		}	• 1	i I		ļ <u>.</u>		1		· • <u>2</u> .	12
ESE	.4	•2	5	5	. 9		<u>.</u> 4	<u>i.</u>	į.		. f	3.7	16
SE	1.9	1.6	3.3	4.2	4.0	2.2	.3	+ ···	ļ _	ļ.	i 4	17.5	13
SSE	. 8	• 5	1.8	1.3	. 2	•		<del></del>	<del> </del> - ·			4.6	9
S	1.5	1.4	<u>•6</u> .	• 3	· · · · · • j		-	<del>†</del>		<del></del>	(	<u>୍ୟ - ଦୁ</u> -	5
SSW	8	•2	3 .	- 1			·	<del> </del>				1.3	4
wsw	1.4	•3	- <del>- 1</del>	-					<del> </del>		1		4
"w"-		2.9		• 1		†		·	f	···	1	1.6. 7.0	3
www -	3.7	5.1	1.8	.4						<u>+</u>		11.6	4
NW	4.5	3.4	1.1	_4		ŀ	:	+	··· -·	+		9.5	
NNW	• 3	.3	3	. <u>-</u>			•			+	! [	1.0	5
VARBL	-21						•	•	1	Ī	1 - 1		_
CALM	><	><		· 	-	· · ·	~_					35.6	
	21.2	16.2	10.9	7.3	5.3	2.7	8	ł.				100.0	5

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DCT HTHOM 24292 COMOX BC DOT APT STATION NAME 54-63 -TEARS 0300-0500 ALL WEATHER CLASS HOURS (LST) CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 21	22 27	28 30	3 34	40	41 47	48 5	5 -56	%	MEAN WIND SPEED
N	.4	-1					•					•	.5	3.0
NNE			1			•	•	•	•		•			
NE	.2	• 1						•					3	3.7
ENE			1			,	•	•			•			
E	1.	.1						•	•		•	•	.2	3.5
ESE	.1	.1	.2	.6	.6	• 5	•	l			•		2.4	17.0
SE	1.7	1.0	3.1	4.7	4.7	3.0		2	- i			•	18.5	14.3
SSE	.3	1.2	1.8	1.9	. 2	•	,		i			•	5.5	9.3
S	1.2	1.1	.5	•1			•	•	;			ı	2.9	5.0
SSW	.5	• 2	1			•	•	•	ì		†		. 9	3.9
SW	.5	.6	2			•		•			1		1.4	4.2
wsw	.6	.5	1	•		•		*			,		1.2	3.6
w	5.6	2.8	1.0			•	•	•	- 1		!	ì	9.4	3.7
WNW	4.7	4.1	1.6	-4		•	,	•	1		•		10.9	4.7
Nw	4.2	2.9	1.8	. 4		`		1	-				9.4	4.9
NNW	-3		.3	•. •.			†		1		•	`f	.6	5.2
VARBL	#			•				i	1		I	ļ	1.	
CALM		· ><.				· -<-	**	· • · · · · · · · · · · · · · · · · · ·					36.0	
	20.6	14.8	10.8	8.3	5.6	3.5		3	_		<i>†</i>		100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

930

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMO	X BC DC		N NAME			54-0	3		YEARS				CT onth
	_					EATHER		·				0600 HOURS	-08
	-			··	COM	DITION							
	_			. — .									
SPEED	π		; - ·				· ·		•			•	ME
(KNTS)	1 . 3	4 - 6	7 10	11 - 16	17 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	۱ %	W.1
DIR.								1				}	oF:
- N	-1		-1			• <del></del>	:		Ì	<b>†</b>		. 2	
NNE	.1	•1			!	*		1	i		i	. 2	
NE								+	1	1			
ENE	-1				1			1	1			-1	
E		.1			T	1	]	Ī	]	] ]		-1	
ESE	.2	.2	.5	. 9	.3	. 8	-1	1	Ī	ĺ.		3.0	I
SE	.9	1.0	3.3	5.5	4.3	2.6	. 5	i	i.	i .		18.1	1
SSE	1.0	1.1	1.1	1.6	.5	i	4	]				5.3	
S	1.3	1.0	3 .		1		ļ	ļ				2.6	
ssw	.2	•1			Ļ		ļ			ļ. i		.3	
sw	1.9	6	1		1			4	ļ	1		2.7	
wsw	1.3	1.0	.2		į.	1						2.5	
w	5.4	2.9	4			 	1		1	1 1		8.7	
www	3.1	3.9	1.3	3	·	† *		+	1	ļ		8.6	
NW	4.8	4.0	1.4	. 4			i .	i	,		!	10.7	
NNW	•2	•1	.3	:			1		ł			. • 6	
VARBL	اإ-ر يا	į.		,	<b>+</b> .	+	1			+_			
CALM		><			[ <i>≥</i> *<.	J - 1944		$\sim$	1 ->	· ×	_ ~	36.2	
			I			1	1		4	1	•		
<u>i</u>	20.7	16.1	9.2	8.7	5.2	3.3	. <u>.6</u> .	1				100-0	
										BER OF OBSE			

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT 54-63

ALL WEATHER . 0900-1100

SPEED MEAN (KNTS) 10 17 21 DIR. SPEED 4.6 NNE 1.6 2.3 3.3 .9 NE 2.3 3.5 1.4 ENE . 9 4.3 .4 1.4 <u>• 8</u> ESE . 8 SE 3.2 SSE S SSW •2 SW 4.0 wsw w 3.5 WNW 1.5 1.5 NW 3.8 3.8 2.6 NNW 8.3 .8. 6.3 VARBL CALM 18.9 \_.3 3.2 100.0 6.8

TOTAL NUMBER OF OBSERVATIONS

928

1210 WS FORM 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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ALLIA D'A GRY BUSINESS SYSTEMS

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...

DATA PROCESSING DIVISION

## SURFACE WINDS

t

930

TOTAL NUMBER OF OBSERVATIONS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

OCT COMOX BC DOT APT 24292 STATION 1200-1400 ALL WEATHER SPEED WIND (KNTS) SPEED DIR. N 4.5 3.8 <u>.. 3</u> NNE 1.7 ΝĒ 3.4 4.4 2.4 2.0 ENE 1.5 .9 1.8 6.5 1.3 ESE SE SSE 1.2 S ŚW 6.3 wsw w •2. 4.0 WNW 8.6 3.B NNW VARBL 6.8 CALM 100.0 8.0

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

- YEARS

DCT.

ALL WEATHER

CONDITION

1500-1700

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 16	.7 21	22 - 27	28 33	34 40	41 47	48 55	*56	%	MEAN WING SPEEC
N	2.8	1.4	.7	• 2			•			•		5.1	4.
NNE	9	.5				•		•	,	•		1.4	į.
NE	2.8	.7	.1		i		'					3.6	3.
ENE	.5	. 8	.1			:		1	,	•		1.4	4.
_ E	1.7	1.3	.4		!			† !			,	3.5	4.
ESE	9 1	.5	7	2.2	1.3	• 5	- 2				;	6.3	13
\$E	3.1	3.0	7.7	10.2	3.4	.7	.1	I	[	· · · · · ·		28.2	11.
SSE	9	1.6	2.9	1.7				I				7.2	8
S	1.0:	1.2	اتعا					4	ļ			2.7	4
SSW	1	1	.2			:			į.		1	. 3	7
sw	.8	2	4	• 3	i •			i .	İ	ί.	i	1.7	6
wsw_	.2	4	3				_	İ				1.0	5
_ w _	1.3	2	2		! •			<b>4</b> .			_	1.7	3.
WNW	1.0	9	3			!				i !	į	2.2	4
NW	3.3	3.5	2.1	.4	1					l . i		9.3	5
NNW	1.2	3.0	2.1	• 7	-1			ļ	ļ		i	7.1	6
VARBL					ļ.								
CALM	><[	><		><	>×	>- (_	× <		><		] - [	17.3	
	22.4	19.4	18.8	15.7	4.9	1.2	•3		, .,	<b>  f</b>	1	100.0	6.

TOTAL NUMBER OF OBSERVATIONS

921

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION SCOMOX SC DOF APT 54-63

STATION NAME

ALL WEATHER
CLASS

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	. 48 - 55 	≥56	%	MEAN WIND SPEED
N	•2		Ī	L			. ——-	İ	i	<del>!</del> !		. 2	1.5
NNE		4			-			1	i .	j		Ji	
NE	.2	.1	-1									-4	4.3
ENE	.2					<u>—</u>						. 2	3.0 4.2
E	-2	. 2	.1				+ - ·	l		!		5	
ESE	3	.4	•2	1.4	.6	. 8	• 1	L				3.9	14.7
SE	1.9	2.6	5.4	7.0	2.9	1.2			I			21.1	11.3
SSE	.9	. 9	2.3	2.3	. 2		1		1.			6.5	9.5
. S	1.1	1.4	<u>.4</u>	• 2			I La		i .			3.1	5.2
ssw	9		.2				<u>.</u>	i .		_		1.1	3.6
SW	1.0	. 9	1.0	.1								2.9	5.6
wsw	1.1	. 2										1.3	3.1
w	2.9	1.4	. 5				· ·	[	l			4.9	3.9
WNW	2.9	3.5	.4	. 4		i L		1				7.3	4.6
NW	4.1	2.9	1.9	2				I				9.2	4.7
NNW	-3	.2	. 8						!			1.3	6.5
VARBL			_							Ĺ			
CALM	><	><			2.5	-					_	36.0	
	18.3	14.7	13.4	11.7	3.8	1.9	1		1	1		100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

924

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION COMOX BC DOT APT 54-63 OCT - YEARS ALL WEATHER 2100-2300 HOURS (LST) ADT N SPEED MEAN (KNTS) WIND DIR. SPEED N 3.3 NNE NE 2.0 . 1 ENE

2.0 . 1 4.2 E 1.2 1.4 5.7 1.3 ESE 14.9 12.2 8.3 5.2 SE 1.6 18.2 SSE 5.2 s SSW sw 1.3 5.3 3.4 3.5 2.3 wsw w 5.3 3.8 WNW 3.0 1.6 8.6 4.9 5.2 5.3 3.8 11.0 4.0 NNW VARBL 36.3 CALM 100. 5.0 19.0 | 15.1 | 13.6 |

TOTAL NUMBER OF OBSERVATIONS

928

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT 54-63

ALL WEATHER CLASS

CONDUCTOR

CONDUCTOR

STATION NAME

STATION NAME

ALL WEATHER

CONDUCTOR

CONDUCTOR

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 16	17 21	72 27	28 - 33	34 40	41 47	48 55	156	٠.	M: AN WIND
DIR.												, 0	5+EED
N	. 4	**=	* 			•			•			. 4	2.8
NNE	-1		Ī					•	•			. 1	3.0
NE		.1	Ī -						,			1	4.0
ENE	.1							•				.1	3.0
E	• 2	.2		.1					•	•		7	<b>5.</b> €
ESE	•6	.3	.4	1.3	1.0	-1	•2	.1			-	4.1	13.6
SE	1.2	1.3	1.9	5.Û	4.7	2.1	6	.3		-1		17.2	15.5
SSE	.7	.7	1.2	1.6	• 3	.1		I		•		4.6	10.3
S	2.0	1.9	1.6	•11								5.6	5.0
SSW	.9.	.4	.8	.1.	·							2.2	5.7
sw	1.8	1.1	.4						:	1		3.3	4.3
wsw	1.0	• 9	•3	1 .				l	l	•		2.3	4.6
w	5.9	3.2	<u>.</u> 4	-1				i	ĺ			9.7	3.6
WNW	2.7	3.3	2.3	. 4	• 1	.1		Ĺ.				9.0	5.8
NW	3.6	1.6	1.8	1.0								7.9	5.9
NNM	-1		.6	.6	-1					1		1.3	11.0
/ARBL				L						į		į.	
CALM	>	><		<b>&gt;</b> <	>	~	~	- <. j	, ~	<u> </u>		31.3	
- 1	21.2	15.1	11.9	10.4	6.2	2.4	-8	.4	- !	.1		100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

900

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

VOV		-			YEARS		3	54-6			NAME .	T APT	X BC DE	COMO
)-05( s -1.s t	230C		-					ATHER	ALL WE	<del>-</del> -				
								- ITION -	CON				• -	
	_	_		-										
MEAN							!							SPEED (KNTS)
WINE SPEEC	%	≥56	<b>48</b> 55	47 4	41 - 41	34 - 40	28 - 33	22 - 27	17 - 21	11 - 16	7 - 10	4 - 6	1 - 3	DIR.
		Į.		÷			-						·· · ; ·	N -
_ 2.	• 4			1	ļ							· · · - · -	4	NNE
4.	• 2			1	•				-			-1	1	NE
5.		İ	•	i								-1		ENE
6	. 3	ì	- •	1			- 1				.1	<u>.ì</u>	-1	E -
15.	3.7	· i		.1	1 •		1	.6	1.2	.7	. 8	•2	•1	ESE
16.	17.0	Ť	.1	. 1		• 2	•3	3.4	4.3	4.4	2.6	•8	.7	SE
8.	4.7			i	]			-1		1.4	1.8	.8	.6	SSE
5.	6.1	. i		ï	ì			_		.4	1.9	1.8	2.0	S
4.	1.7	. !	_ !	i						. 1	•1	. 9	.6	SSW
5.	2.8		1	-	1		+		- 1	1	•3.	1.7	.7	SW
4,	1.3		- 1	- }							• 3	. 4	-6	wsw -
3.	9.9	- 1		<u>.</u>	}				_		1-0	3.3	5.6	www
5.	10.7	1		į	ļ		-1	-	• 2	8 .	1.7	4.3	3.6	- NW
7.	10.3	İ	-				:		• 3	1.9	2.7		2.4	NNW
4.	8	ł	1	+	į					•1.		1	6	VARBL
	30.0	* 1	+	<b>.</b>	· ×			~	, ×				$\sim$	CALM
6.	100.0	,	•1	•2	. •	•2	-4	4.1	6.1	10.0	13.2	17.7	17.9	-
		VATIONS												

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT

54-63

FARS

VOV

ALL WEATHER

ALC: Y

0600-0800

	3.1 4.1
wsw 1.7 1.3 .1	3.1 3.9
W 6.9 2.7 .8 WNW 4.0 3.1 1.1 .9 .2 .2	10.4 3.5 9.6 5.8
WNW 4.0 3.1 1.1 .9 .2 .2 .2	2 .2 9.6 3.8

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMO	_ X	T APT STATION	I NAME		ALL WE	<u>54-6</u> <u>athe</u> r	3		YEARS	-	-	<b>390</b> 0	0V onth -1100
					c	LASS						HOURS	(LST)
	-				CON	DITION		-					
						-	-						
SPEED	π						, .	1		-		<b>"</b> ,	
(KNTS)	1 . 3	4 - 6	7 - 10	11 - 16	17 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	·\ %	MEAN WIND
DIR.										1	*-		SPEED
N	.8	- 9	.1	•1				: -	•			1.9	4.8
NNE	.2	•1						·	•			• 3	3.7
NE	-2	.2								4		4	3.5
ENE	.2									1		. 2	3.0
E	1.1	-6		,				+				1.7	3.3
ESE	<u>.3</u>	•2	. 4	9	1.0	3	. 4		1	١.		3.7	15.8
SE	1.4	1.2	3.3	<u>. 7.0</u> ,	_,6,⊕	1.8	1.3	<u>•</u> 1	1 -1	i :		22.3	15.0
, SSE S	1.1	1.2	2.6	1.4	• 3	•	•		į	'		6.7 4.2	8 • 4 5 • 2
- SSW	1.7	1.9	1.3	•2			1.			t .		i. 🕶 '	3.8
SW	1.8	$\frac{-1}{1\cdot4}$	• <u>i</u> .				•			į .		3.6	3.8
W3W	1.2	2	.1				• -	_	1	<del> </del>		1.6	3.4
' w	3.0	1.1	• 2				•					4.3	3.3
' WNW	2.3	2.4	1.7	.4		•				1 - 1		6.9	5.8
WW	2.9	3.1	1.4	1.1	• 9	• 2				[. [		9.7	7.1
NNW	.7	.6	8	. 4	• 2				1			2.7	7.9
VARBL				;	,			ŧ					
CAI <b>M</b>				_><-			<b>.</b>	~			jes, (	29.2	
	19.4	14.4	12.4	11.7	8.4	2.3	1.8	1	.1			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

900

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION

COMOX BC DOT APT

54-63

NOV 1200-1400

900

ALL WEATHER

CALM	≥<[ 20.4]	18.9	_>< 1	~;	,`>		- :	- ;	٠, ٠,			16.2	
NNW VARBL	1.3	2.4	1.3	,4	. 3	•1				ļ		8.7 6.C	8.7 6.8
NW	2.1	1.6	2.4	1.4	• 9	• 2		į	•	Į.	1	2.7	5.8
ww	1.2	.3	,					,	i			1.1	2.9
wsw	<b>.1</b> ↓	.1	.1	•1			٠		1	1		1.8	5.1 6.5
SW	. •3. •9.	<u>.6</u>	.2	•1	i.			1				.7	6.3
ssw-	1.4.	∙ ₿		• 4								3.7	5.9
SSE S	<u>l.C</u> .	2.4	1.4	2.2	.4		• • •	•••		•		7.6	13.3
SE	2.8	3.1	5.4	7.4	4.9	4.1	.4	• 2				7.4 28.4	13.6
ESE	• 2	•9	1.2	2.4	2.0	•7						3.8	4.1
· E -	1.8	1.6										1.0	3.2
ENE -	2.4.	1-1	.2.									3.8	3.6
NNE NE	. 8 :	. 8			•			•				1.6	4.5 3.6
Ν	2.4	2.2	.3	. 2								5.2	SPEED
IKNTS) DIR.	1 - 3	4 6	7 10	11 16	17 21	72 27	28 33	34 40	41 47	48	11.6	9/	W. ND

TOTAL NUMBER OF OBSERVATIONS

1210 WS JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

COMOX BC DOT APT STATION NAME

#### SURFACE WINDS

NOV

MONTH

900

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

54-63

YEARS

TOTAL NUMBER OF OBSERVATIONS

ALL WEATHER 1500-1700 CONDITION SPEED MEAN (KNTS) 7 - 10 | 11 WIND DIR. SPLED 'n 4.7 NNE -6 NE 3.5 ENE E .8 3.0 FSF .2 . 8 SE 1.9 9.0 1.3 SSE .7 2.3 S 1.0 SSW . 9 SW -6 .8 W .7 3.5 1.4 2.3 WNW 1.1 6.8 NW 1.7 8.2 . 6 7.7 NNW 3.9 6.6 VARBL 25.7 CALM 15.9 15.7 14.3 17.4 100.0 7.1

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT

54-63

NOV

ALL WEATHER

1800-200C

900

CONDITION

SPEED MEAN (KNTS) 11 16 34 40 WIND DIR. SHEED N . 3 5.7 NNE 4.0 NE 3.1 ENE E 5.0 ESE SE 8.4 2.0 SSE S . 8 3.0 6. Ó SSW .8 2.2 6.6 SW 1.7 1.3 3.2 3.8 . 3 WSW .9 1.0 2.2 1.7 1.9 w 3.9 6.0 3.6 WNW 7.8 7.2 5.4 7.5 NW 2.4 NNW .6 VARBL 31.3 CALM 6.4 100.0

TOTAL NUMBER OF OBSERVATIONS

1210 W5 FORM 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

150524

1.0524

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

899

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

92	COMO	X 8C DO	TAPT				54-6	3.						DV
TION		<u></u>	STATION	NAME	-				,	FARS				~2300
		ettern,	-			ALL WE	ATTIER							(1.51)
						CONE								
		w.,												
	SPEED	<del></del>	1		• •				Ţ			- 1		MEAN
	(KNTS)	1 3	4 - 6	7 - 10 '	11 - 16	17 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
	DIR.	1							1		1 .			SPEED
	N	.2	1		•	- '	•					1	• 3.	3.3
	NNE	•1	•1	1					į		1	1	• 4.	4.5
	NE	.2		.1					+ -	į			• 3.	3.7
	ENE	.4	.1						<u> </u>	: <del> </del>				3.0 3.8
	E	.4	1.	.1			,		l		į .	{		14.0
	ESE	.3	•2	.6	2.2	1.3	1		$\frac{1}{1}$		,		18.8	14.6
	SE	1.6	.7	3.3	_ <u>5</u> .8	4.3	2.1	• 9	• • •		·		10.5	9.8
	SSE	.6	.4	1.7	1.6	-1	1	4	4				7.7	
	S	1.6	1.4	1.0	• 1				•		ł		2.8	5 <u>.1</u> 6.0
	SSW	.6	1.3	. 7	2.				•	1			2.6	4.1
	SW	1.1	1.1	. 3	; i				•		·		2.7	5.0
	wsw	1.1	7	. 8	, • <u>1</u> :				<b>+</b> -			Ì	7.7	3.4
	w	5.0	2.3		١.						+		9.0	5.3
	WNW	2.4	4.4	1.8	. • 3	_			-	1	İ		7.9	
	NW	2.4	2.1	1.7	, 1. <u>L</u> .	6	r	,		1	·		6	9.0
	NNW	•2		L	. •3					1	•		1	. ,
	VARBL	II		-		* _	•		C	ر ن ا	4	∳ <u> </u>	32.5	•
	CALM		, PS ,	, ~ .	المحسرس		<b>.</b>	~	· · · · ·	~ ~ <u> </u>	1	* ~ ·	-	
		18.4	15.2	12.3	11.8	6.3	2.3	. •9	.2	Ì			100-0	5.9

TOTAL NUMBER OF OBSERVATIONS

929

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292	CDMO	X BC DE	T APT	N NAME			54-6	> 3		YEARS		<del></del>	Đ	EC
		_					EATHER						0000	-0200
						c	LASS						Hours	(LST)
		_				. CON								
		_						-		_				
	SPEED	[		ī		•		7	!				:	MEAN
	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 21	72 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
	DIR.			1			1		!		1			SPEED
	N	.2	-1		•				1	i	i .		• 3	4.0
	NNE			• <u>1</u>	ļ •	ļ		<u> </u>	: 1	!	ļ		1	7.0
	NE.	1	-1	-1	<u>.</u>					ł			• 3	5.7
	ENE	ļ	<b></b>			i			•	!	1 .	, ,	!	
	E	-1		-1				· -,	1	1	1		2.	5.5
	ESE SE		+ -		1.4	1 • į	$\frac{1.8}{2.3}$	. •		ļ	· .	.	- 4-8	20.0
	SSE	.9	- 6	1.2	2 2	0.9	3.2	4	• <u>1</u>	· · - ·		1	19.2	16.7
	S S	1.6	····· <u>·8</u>	2.3	2.2	+ • 5	. •2	•	i.	ł		į .	7 7 7 1	
	ssw	1.3	1.8	1.4	<u> </u>			:	•		+		2.4	3.7
	SW	1.5	1.1	.5	. 2		*		·	İ	-		3.3	4.7
	wsw	1.2	.9	.2		<b>-</b> 	+ -	:	İ	.,			2.3	4.0
	w	5.0	3.3	.8	.1			•	-				9.1	4.C
	WNW	3.9	3.6	1.5	.4				1		I		9.4	4.9
	NW	3.1	2.3	.6	. 4	.1							6.6	5.1
	NNW	-2	•2	ļ	2				÷ =-	1			- 6	6.2
	VARBL	ļ	<b>.</b>	<u></u>		+		1, .	٠,	. <b>i</b>	ļ.,		Ι.	
	CALM		<b>&gt;</b>			` ×	~ <b>~</b> 1	* * * * · ·	r - X -		*	~ ]	29.9	
	ł	104	. 16 4	0.4	. 11 4					I .			100 0	4 7

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

~ TEARS

TOTAL NUMBER OF OBSERVATIONS

DEC

ALL WEATHER

0300-0500

930

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 10	11 - 16	17 - 21	22 27	28 33	34 40	41 47	48 57	*56	, %	MEAN WIND SPEED
N	2		-1		•			•				3	4.3
NNE NE ENE	1			. <u>.</u> .	<b>.</b> .							-1	3.0
E ESE	.1	-2						•		· .		.1	6 <u>.0</u>
SE SSE	.9	1.1	1.5	7.0	5.8	2.9	1.4	•3				20.9	18.6
s	1.3	1.5	1.7	1.5	6	<u>.</u> 2 .	, .   .		1			5.2	11. <u>0</u>
ssw	1.5	1.0	.1		• • • • • • • • • • • • • • • • • • •			+ . <b>⊢</b> .	!			2.9	4.4
wsw	1.5 5.5	1.2 3.2	•1	•				ļ				2.8	3.8 3.7
WNW	4.5	4.6 3.0	1.7	•3 •6								11.2	4.8 5.6
NNW VARBL	•1	1	-1	.1	•				- !			.4	6.3
CALM				><<	> .	· · · ·	*					29.9	. =
	18.2	17.4	8.5	11.1	8.3	4.7	1.6	3		,		100.0	6.8

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

524

150524

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DEC					<u>.</u>	54-6	_		N NAME		X BC DO	COMO
			YEARS	,					1 1441	318110		
0600-0			-			ATHER						
						ITION	CONT				_	
		•		-							_	
		· ·										SPEED
% v	≥56	48 · 55	41 - 47	34 - 40	28 - 33	22 27	17 21	11 16	7 - 10	4 - 6	1 - 3	(KNTS) DIR.
.1]							<del> </del>		- · ·		•1	N
- ·											,	NNE NE
							!		.1	. 1		ENE
				— i			. 1	L		•1		Е
4.5					• 2	1.3	1.2	1.3	.1	3	•1	ESE
20.8	,	+		•1	-4	4.2	6.2	5.5	2.2	1.1	-1.1 -8	SE SSE
6.8		<del> </del>			1		• 9 .	2.7	1.9	1.5	2.0	S I
1.2					1			-1	. 2	•2	•6	ssw
3.2	!							-1.	. 3	. 8	2.0	_sw
2.8									• 1	1.2	1.5	wsw
9.4 9.8							- 1	•1	1.2	2.3 3.9	5.9 4.3	WNW
6.2	-		-		†		• 2	. 8	1.1		1.7	NW
1.0				-	· · ·		•		-2	.3	•4	NNW VARBL
29.0	_ ~ [		5<				, X.					CALM
100.0	i	ļ. •	5 1	.1	.8	5.5	8.6	11.2		14.6	20.8	<del>-</del>

150524

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 STATION COMOX BC DOT APT DEC 0900-1100 ALL WEATHER CONDITION SPEED MEAN (KNTS) W'ND DIR. SPEED 5.5 Ν NNE 2.0 NE 3.0 4.3 ENE 5.6 Ε ESE . 3 .8 .2 SE 1.3 .6 9.8 SSE <u>• 8</u> S 1.6 5.3 SSW SW 1.1 3.7 WSW 2.7 •6 w 1.9 2.4 3.4 3.3 4.7 WN.M NW 9.6 NNW VARBL 24.9 CALM 21.5 14.8 11.4 13.7 100.0 7.0

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DEC 24292 STATION COMOX BC DOT APT YEARS -ALL WEATHER 1200-1400 CLASS CONDITION SPEED MEAN (KNTS) WIND SPEED DIR 2.8 4.3 N 3.0 NNE · l 3.0 NE .2 4.5 .6 .2 .4 ENE .1 . 8 4.9 3.7 2.9 ESE 6.3 15.3 SE 8.6 9.6 2.9 SSE 1.5 5.9 S 1.6 1.8 1.4 .8 .4 \_•3 SW WSW • 9 • 3 3.2 2.8 1.6 2.7 w 2.0 1.4 3.7 5.8 WNW 1.8 5.1 10.6 6.0 NW 3.0 j NNW 2.0 VARBL 19. 7 CALM 100.0 7.6 19.1, 16.6 | 15.8 | 15.3 TOTAL NUMBER OF OBSERVATIONS 930

TOTAL NUMBER OF OBSERVATIONS

930

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DEC 54-63 24292 STATION COMOX BC DOT API YEARS 1500-1700 ALL WEATHER CLASS CONDITION SPEED WIND (KNTS) SHEED DIR. 4.4 **3.** 0 NNE NE ENE Ε ESE SÈ SSE SSW SW WSW 4.3 WNW 11.4 NW 4.9 NNW VARBL 27.5 CALM 6.7 100.0

DATA PROCESSING DIVISION

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CUMOX BC DOT APT 54-63 DEC YEARS MONTH ALL WEATHER 1800-2000 CONDITION MEAN (KNTS) WIND DIR. SPEED N 3.2 NNE 5.0 ENE 6.C . 4 6.2 F ESE . 8 SE 2.0 3.3 4.0 4.0 15.1 6.6 SSE 2.3 .3 1.3 s 5.1 SSW . 2 SW 1.7 . 8 2.2 2.0 3.1 wsw •<u>2</u> •3 1•8 3.7 i . 7 w 5.4 3.6 •1 WNW 6.5 NW 6.3 NNW 8.2 .6 VARBL 30.2 CALM 100.0 18.6 | 15.2 | 13.0 | 10.4 6.6 TOTAL NUMBER OF OBSERVATIONS 930

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT STATION NAME

54-63

DEC \_

ALL WEATHER

2100-2300 HOURS (LST)

(END TH N

SPEED (KNTS) DIR	1 - 3	4 6	7 10	11 16	17 21	22 - 2 <b>7</b>	28 33 :	34 40	41 47	48 55	*56	%	MEAN WIND SPEED
N	,												
NNE I	ļ <u> </u>	_	·									2	3 É
NE	•1	• 1										. 2	3.5
ENE		• 1	l ,							,		• 1	5.0
E	2	•1	- 1									• 3	3.0
ESESE	• 4	• 1	. 2	1.3	1 • 2 .	<u> </u>		-				4.0	16.4
SSE	1.1.3.	1.4	2.2	<u>(+ 1</u> .	5.9	4.9	1.1.					23.9	16.1
· · · · · · · · · · · · · · · · · · ·	, * <del>1</del> .	•9	1.3	1•4.	2 .		• 1.					3.8	10.4
,s _   SSW	2.3	1.0	.6	• ‡ .		- 🚚				,		, <b>4.</b> 0,	4.2
SW =	4	. 4	•1.	• 1 ,								1.1	4.3
	2.2	1.4	-1	• 4			- 4-			l .	-	3.9	7 · 2
· · - W3W -	2.2	1.0	•2.	•2.		j	į			:		2.3	9.7
WNW	4.8	2.5								1		6.9	3.5
NW I	1.9	3.4	Ţ.	• 4 .			+ -		-				4.9 5.6
NNW	3.0	1.8	ļ A.•A.i	1.0.	• <u>I</u>		↓			l		7.0	
	.1	2	<del> </del>	•3,						. [		6	8.5
VARBL			٤			ì	1,_					32.8	
CALM	~	, X.		<i>&gt;</i>			-			~	×	32.5	
F =	19.0	14.4	7.3	11.6	7.7	5.9	1.2			- !	,	100.0	6.6
								7	OTAL NUMB	ER OF OBSER	VATIONS		930

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

24292 COMOX BC DOT APT

54-63

ALL

INSTRUMENT

ALL HOURS ILST

CIG 200 TO 1400 FT W/ VSHY 1/2 M1 QR MORE.

AND/OR VSBY 1/2 TG 2-1/2 MI W/CIG 200 FT OR MORE

SPEED ( (KNTS) DIR.	1 - 3	4 · 6	7 10	11 16	17 21	22 27	28 - 33	34 - 40	41 47	48 55	-56	%	MEA WIN SPEE
N	.4	.4	.1				:					. 9	4
NNE	.1	.1	0	• 0								• 3	4
NE	.4	.1	.1	• 0								. 7.	3
ENE	•2	.2	1	• <u>0</u> )	• 1							• 5	•
E	.6	. 4	.4	.1	<b>.</b> €.		l					1.5	•
ESE SE	.4	.6	1.1	2.2	2.4	1.7	.4	.1	. •0	! .		9.0	16
SE	1.8	2.4	5.6	10.7	8.1	5.3	1.1	. 4	. C	• 0		35.5	1'
SSE	.8	1.2	2.2	2.3	. 5	• 3	-1	•0		!		j 7.5	10
s	1.7	1.3	.7	. 2 .	•0.	• 0						4.(	,
ssw	5	. 2	•1			• C			İ	 		- 8	•
SW	9	.4	1	• 0 .			- 4		_		1	1.4	
wsw	.4	.2	•0.							i i	1	.7.	
w	2.3	.6	,1	٠¢.					-	ļ	•	3.0	. :
WNW	2.0	1.5	. 4	• 1					1			4.1	4
NW	2.8	2.1	1.0	• 2			,			·		6.1	. 4
NNW	.4	.4	4	•1.	• C.							1.4	(
VARBL	i l									4 -			
CALM		·	~		٠.		- ×	. •		, ,	Je	22.6	
1	15.9	12.2	12 4	16.C	11.2	7.4	1.6	.6	•0	•0		100.0	

TOTAL NUMBER OF OBSERVATIONS

12019

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MATS) ASHEVILLE, NORTH CAROLINA

#### PART D

#### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from nourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand columns. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period will be eliminated from the summary for short periods or be limited to ceilings at or below 10,000 feet. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and UE Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opeque.

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below:

JANUARY APRII FEBRUARY MAY MARCH JUNE	JULY AUGUST SEPTEMBER	OCTOBER NOVEMBER DECEMBER
---------------------------------------	-----------------------	---------------------------

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VI	SIBILITY (S	IM STUTA	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 %,	≥1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ½	≥ 0
NO CEILING						_										
	$\sim$	$\sim$				$\sim$		$\sim$	$\searrow_{\gamma}$	$\sim$	$\searrow$	$\sim$	$\sim$		$\overline{}$	
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000														·		/=•
≥ 900 ≥ 800										·						
≥ 700 ≥ 600																
≥ 500 ≥ 400			-							97.4					<del></del>	98.1
≥ 300 ≥ 200			-													
≥ 100 ≥ 0					95.4		96.9			98.3						100.

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq$  0. For instance, from the table: Ceiling  $\geq$  1500 feet = 92.6%. Ceiling  $\geq$  500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq$  0. From the table:

  Visibility  $\geq$  3 miles = 95.4%.

  Visibility  $\geq$  2 miles = 96.9%.

  Visibility  $\geq$  1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; ie: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.
- Values below minimums stated in the table may be retained by subtracting the value given in the table from 100%.

  Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of obsertions with ceiling < 1500 ft and/or vaby < 3 miles.

Likewise, the percentage of observations with ceiling < 500 ft and/or vsby < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

#### ADDITIONAL EXAMPLES

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observation meet the criteria: "ceiling  $\geq$  500 feet with vsby  $\geq$  1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with vsby  $\geq$  1 miles."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

## CEILING VERSUS VISIBILITY

24232 COMUX DC UGI API 54-63
STATION NAME YEARS

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY IST.	ATUTE MIL	ES)						
(FEET)		11 1	1													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥11/2	≥ 11/4	≥1	≥ ¾	≥ ⅓	÷ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	· - i		i i						• •	!				•	•	
≥ 20000	4:.1	41.0	41.1	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.6	41.7
≥ 18000	40.3	41.2	41.3	41.4	41.5				41.6					41.7	41.8	41. 1
≥ 16000	40.7	41.5	41.6	41.7	41.8	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.1	42.1	42.1	42.3
≥ 14000	41.8	42.7	42.8	42.9	43.0	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.5
≥ 12000	43.9	44.8	45.0	45.1	45.2	45.2	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.7
≥ 10000	47.6	48.7	48.9	49.0	49.2	49.2	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.5	49.6
≥ 9000	49.5	50.8		51.1	51.2	51.2		51.4				51.4	51.5	51.5		51.7
≥ 8000	53.1	54.6	54.8		55.1	- !	55.2		55.3				55.4		- 1	55 • e
≥ 7000	55.2	56.9		57.3	57.5						57.8				57.9	
≥ 6000 ≥ 5000	56.7	58.4	- 1		59.1		59-3			59.4	- 1	1	59.5			
	60.9	63.0	63.4			63.9			64.1	64.1	64.2	64.2	64.2			
≥ 4500 ≥ 4000		65.0	65.4		65.9				66.1	66.2	66.2	66.2	66.3	66.3		
· · · · · · ·		69.3	69.7		70.4				70.6	70.7	77	70.7	70.8	7 8	70.9	
· ≥ 3500 ≥ 3000	68.4	71.7	72.2	72.6		73.0		73.2	73.2	73.3	73.3	73.3	73.4	73.4	,	73.6
<del>-</del> -	71.5	75.5	76.2	76.7			77.4	77.5			77.6	77.6	11.1	77.7	77.7	11.9
≥ 2500 ≥ 2000	73.4	78.0	78.8	- 1	79.9		80.2	80.3	80.3	80.4		80.4	80.5	80.5		80.7
⊢ ≥ 1800	74.8	80.0	<u>80.9</u>	81.6	82.2	82.3	82-6	82.7	82.7	82.8	82.8	82.8	82.9		83.	63.1
. ≥ 1500	75.1	80.5 82.3	81.4	82.1 84.2	82.7 85.0	82.9 85.2	83.1		83.3	83.4 85.8	83.4 85.8	83.4	83.5 85.9	83.5 85.9	86.0	83.7 86.1
≥ 1200	77.1	83.9	85.2	86.2	87.2	87.4		85.7 88.0	88.0	88.1	88.2	88.2	88.3	88.3	88.3	
≥ 1000	77.8	85.2	86.6	87.8	89.	89.3	89.8	95.0	90.0	90.2	90.3	90.3	90.4	9: 4	92.5	70.0
⊱ ≥ 900	78.	85.7	87.3		89.9	90.2	90.8	91.0	91.1	91.3	91.4	91.4	91.5	91.5	91.6	
≥ 800	78.3	86.6	88.3	89.7	91.2	91.5	92.2	92.5	92.6			92.9	93.1	93.1	93.2	73
⊢ ≥ 700	78.5	87.1	88.9	90.5	92.1	92.5	93.3			94.0		94.2	94.3	94.3	94.4	74.5
≥ 600	78.7	87.5	-	91.2	43.1	93.5	94.4	94.9	-	95.3		95.5	95.6	95.6	95.7	95.9
~ ≥ 500	78.8	87.9	89.9	21.8		94.4				96.6		96.9	97.1	97.1	a7.2	97.4
≥ 400	76.8	88.0	90.1	92.0	94.3	94.8		1	I	97.3	97.6	97.6	97.9	97.9	98.1	98.
_ ≥ 300	78.8	88.0	93.2	92.1	94.4				97.2			98.1	98.4	98.5	98.7	98.
≥ 200	78.6	88.1	95.2	92.2	94.5	95.1	96.5	97.3	97.3	98.0	98.3	98.4	98.7	93. A	99.0	29.3
≥ 100	78.8	89.1	90.2	92.2								98.4			94.2	99.c
_ ≥ 0	78.8	88.1	90.2	92.2	94.5	95.1	96.5	97.3	97.4	98.0	98.3	98.4	98.8	98.9	99.3	100.

TOTAL NUMBER OF OBSERVATIONS 27548

### CEILING VERSUS VISIBILITY

242-2 COMOX BC DOT API 54-63
STATION NAME TEARS

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

i							VISI	BILITY STA	ATUTE MIL	ES)						
CEILING		1 :	,													
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%:	. 2	1 1/2	* 1%	1.1	• 1/4	54	- 9	1 5/16	> 1/4	≥ 0
NO CEILING			- ;			•					•				•	-
≥ 20000	21.1	21.6	21 - 6	21.7	21.7	21.7.	71.7	21.2	21.3	11.8	_ 8.	21.8	21.9	21.9	12.3	22.5
≥ 18000	21.2					21.8					33.5	21.9				22.0
≥ 16000	21.7				22.3	22.3	22.3	22.4			12.4	22.4			22.6	,
`- ≥ 14000	22.5	-	23.1	23.1	23.2	23.2		23.2	23.2	23.2	23.2	23.2	23.3		23.5	
≥ 12000	23.4		24.1	24.2	24.2	24.2		24.3		24.3	.4.3	24.3	24.4	24.4	24.5	5.
≥ 10000	26.3		27.1	27.2	27.3	27.3	77.3	27.3	27.3		27.4	27.4	27.4	27.4	27.6	
≥ 9000	27.6			28.6		-						28.8	26.9	28.9		29.
≥ 8000	29.9		31.1	31.2	31.2	31.2		31.3	31.3	31.3	31.3	31.3	31.4	31.4	31.5	
≥ 7000	31.1	32.3		32.5	32.6					32.7	32.7	32.7	32.8	32.8	32.9	33.4
> 6000	31.5		32.9	33.4%	33.0	33.0			33.1	33.1	33.1	33.1	33.2	3 : . 2:		33.6
≥ 5000	33.3	34.7	34.9	35.0	35.1	35.1		- 1		35.1		35.2	35.2	35.2		, ,
> 4500	34.2		36.0			36.1			36.2		36.2	36.2	36.3	36.3		36.9
≥ 4000	37.8		1	46.2	46.3	40.3	40.4	40.4		40 . 4	40.4	40.4	40.5		40.6	
> 3500	40.3	42.6	42.9	43.C	43.1	43.1	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.5	46.
_ ≥ 3000	44.7	47.9	48.3	48.5	48.7	48.7	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.5	49.2	49.7
≥ 2500	48.5	52.6	53.2	53.5	53.8	53.8	54.0	54-1	54.1	54.1	54.2	54.2	54.2	54.2	54.4	54.9
_ ≥ 2000	52.2	51.3	58.1	58.6	58.9	59.4	59.2	59.4	59.4	59.4	59.5	59.5	59.6	59.6	54.7	60.2
¹ ≥ 1800 į	53.1	58.5	59.3	59.9	60.3	60.3	66.6	60.7	60.8	60.8	61. 9	60.9	61.	61.0	61.1	61.6
_ ≥ 1500	56.8	63.7	64.8	65.5	66.3	66.4	66.8	67.2	67.0	67.1	67.2	67.2	67.3	67.3	67.4	67.9
≥ 1200	59.8	68.9	70.5	71.0	73.	73.3	73.8	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.6	75.1
≥ 1000	61.5	71.6	73.6	75.5	77.0	77.4	79.2	78.6	78.6	76.9	79.1	79.1	79.3	79.3	79.4	79.9
≥ 900	62.1	72.9	75.2	77.4	79.1	79.6	80.6	81.1	81.2	81.5	81.7	81.7	81.8	81.9	82.7	82.5
≥ 800	52.6	74.6	77.1	79.6	81.6	82.1	≥3.5	34.1	84.1	84.6	84.8	84.8	85.0	85.0	85.2	85.7
≥ 700	62.9	75.5	78.4	81.2	83.5	84.2	85.7	86.4	86.5	87.0	87.2	87.3	87.5	87.6	87.7	88.3
≥ 600	63.2	76.5	79.6	82.6	85.3	86.0	87.8	88.6	88.7	89.3	89.6	89.8	90.1	90.1	د • 90.	90.9
≥ 500	63.	77.2	80.5	83.7	86.8	87.7	99.8	91.0	91.1	91.9	92.5	92.6	93.0	93.1	93.4	94.
≥ 400	63.3	77.3	80.7	84.1	87.4	88.3	90.7	92.0	92.1	93.1	93.8	93.9	94.4	94.5	94.9	95.0
≥ 300	63.3	77.4	85.8	84.2		88.6						95.1	95.7	95.8	96.3	97.:
≥ 200	63.3	17.4	80.8	84.3		88.8								96.7		
≥ 100	63.3	77.4	80.8	84.3		88.8										
_ ≥ _o ∫	63.3	77.4	8::-8	84.3	87.7	88.8	91.5	73.11	23.2	24.7	95.6	95.6.	96.7	96.9	97.8	100

TOTAL NUMBER OF OBSERVATIONS .... 7438

## CEILING VERSUS VISIBILITY

24212 STATION

CUMBX DC DUT API STATION NAME

54-53

ALL.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	<del></del> -						VISI	BILITY (ST	ATUTE MIL	.ES)						
CEILING				_						-	_					
(FEET)	≟ 10	≥ ક	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ⅓	≥ 1%	≥ 1	≥ ¾	≥ 5/6	: 1/2	<i>≟</i> 5/16	: 1/4	≥ 0
NO CEILING	: 1		, . I i	- ;	İ				-	:			•	1		
≥ 20000	29.4	29.9	30.0	20.0	30.1	3 1	30.1	35.1	30.1	30.1	30.1	30.1	30.2	30.2	30.2	3: • 2
≥ 18000	29.5	31	30.1	36.2	30.2	36.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	3 C . 3	3 · .
1 ≥ 16000	29.7	30.3	30.4	30.4	39.4	30.4	30.4	35.4	30.4	30.5	30.5	3 . 5	30.5	36	37.6	31 . 6
≥ 14000	30.7	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6
≥ 12000	32.6	33.2	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6
≥ 10000	35.3	36.0	36.2	36.2	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5
≥ 9000	36.8	37.6	37.8	37.9	38.0	38.0	38.0	38.J	38.0	38.1	38.1	38.1	38.2	38.2	38.2	38.2
≥ 8000	40.5	41.4	41.6	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42
≥ 7000	42.4	43.5	43.7	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.3
≥ 6000	43.3	44.5	44.7	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.3
≥ 5000	45.9	47.6	47.9	48.1	48.3	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.6	48.6	48.6
≥ 4500	47.	48.8	49.2	49.4	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	50.0
¦ ≥ 4000	50.a	52.9	53.5	53.8	54.2	54.2	34.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.5	54.5
> 3500	53.1	55.4	56.1	56.6	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3
≥ 3000	57.5	60.8	61.7	62.3	62.9	62.9	63.3	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3
≥ 2500	60.0	64.2	65.3	66.1	66.8	66.9	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.5
≥ 2000	61.5	66.4	67.6	68.6	69.5	69.6	69.8	69.9	69.9	70.0	70.0	70.1	70.1	70.1	76.1	70.2
≥ 1800	62.0	66.9	68.1	69.2	70.1	70.3	70.5	70.6	70.6	73.6	70.7	70.7	70.8	70.8	70.8	70.4
_ ≥ 1500	63.6	69.6	71.0	72.3	73.6	73.8	74.0	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.5
≥ 1200	65.0	72.3	74.1	75.6	77.5	77.7	78.0	78.1	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.4
≥ 1000	66.5	75.1	77.4	79.3	81.7	82.0	82.4	84.6	82.6	82.9	83.1	83.2	83.3	83.4	83.4	83.5
> 900	67.0	76.2	78.6	80.7	83.4	83.7	84.2	84.5	84.5	84.8	85.1	85.1	85.3	85.3	65.4	85.4
≥ 800	67.7	78.0	80.7	83.2	86.1	86.5	87.1	87.5	87.5	87.9	88.3	86.3	86.6	88.6	88.6	88.7
≥ 700	68.1	79.0	81.8	84.6	87.7	88.2	89.0	89.5	89.5	89.9	90.4	90.4	90.7	90.7	90.7	96.8
≥ 600	68.2	79.8	62.9	85.6	89.3	89.9	90.8	91.4	91.4	91.9	92.4	92.5	92.8	92.9	92.9	93.
≥ 500	68.3	8C.3	83.5	86.7	90.7	91.3	92.7	93.5	93.5	94.3	94.9	94.9	95.4	95.5	95.6	95.7
_ ≥ 400	68.4	80.5	83.9	87.2	91.5	92.2	93.9	94.8	94.8	95.8	96.5	96.5	97.1	97.2	97.4	97.4
≥ 300	68.4	80.6	84.1	87.3	91.8	92.6	94.4	95.4	95.5	96.5	97.2	97.3	98.0	98.0	98.3	98.5
≥ 200	68.4	80.6	84.1	87.4	91.9	92.8	94.6	95.7	95.8	96.9	97.5	97.6	98.4	98.5	99.0	93.2
≥ 100	68.4	80.5	84.1	87.4	91.9	92.8	94.6	95.8	95.8	96.9	97.6	97.7	98.5	98.6	99.2	99.7
. ≥ 0	68.4	83.6	84.1	87.4	91.9	92.8	94.6	95.8	95.8	96.9	97.6	97.7	98.5	98.6	99.3	100.

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 6765\_

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

150523

## CEILING VERSUS VISIBILITY

24292 COMOX CC DOL AFT STATION NAME 54-63 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO CEILING   20000   38.5   39.6   39.1   39.1   39.2   39.2   39.2   39.2   39.2   39.2   39.2   39.2   39.3   39.3   39.4   39.4   39.5   39.5   39.5   39.5   39.5   39.5   39.5   39.5   39.5   39.5   39.6   39.6   39.6   39.6   39.6   39.6   39.6   39.1   39.4   39.7   39.8								VISI	BILITY (STA	ATUTE MILI	ES)						
NO CEILING 38.5 39.6 39.1 39.1 39.2 39.2 39.2 39.2 39.2 39.2 39.2 39.2	CEILING						-										
20000 38.5 39.6 39.1 39.1 39.2 39.2 39.2 39.2 39.2 39.2 39.2 39.2	(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2 .	: 1 1/2	≥1%	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	≥ ¼	≥ 0
2   18000   38.8   39.3   39.4   39.5   39.5   39.5   39.5   39.5   39.6   39.6   39.6   39.6   39.6   39.7   39.8   39.8   39.8   39.8   39.8   39.8   39.8   39.9   39.9   39.9   39.9   39.9   39.9   39.9   39.9   39.9   39.9   39.8   39.8   39.8   39.8   39.8   39.8   39.8   39.9   3	NO CEILING		1	i		ii		i		:	:	t		•	i		
≥ 16000	≥ 20000	38.5	39.0	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.
≥ 14000	≥ 18000	38.8	39.3	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.0
≥ 12000	≥ 16000	39.1	39.6	39.7	39.7	39.8	39.8	19.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	19.9	39.9
≥ 10000	≥ 14000	40.2	4: . 8	40.8	4 9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.4	41.1
≥ 9000	≥ 12000	42.3	42.9	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2
≥ 8000		46.2	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3
≥ 7000 54.9 56.1 56.3 56.4 56.6 56.6 56.6 56.6 56.6 56.6 56.6	≥ 9000	48.4	49.2	49.2	49.3	49.4	49.4	9.4	49.4	49.4	49.4	49.5	49.5	49.5	44.5	49.5	49.5
2 6000		52.9	53.8	53.9	54.0	54.2	54.2	5 - 2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
≥ 5000	≥ 7000	54.9	56.1	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	50.7
≥ 4500 63.9 66.9 66.3 66.5 66.7 66.8 66.9 66.9 66.9 66.9 66.9 66.9 66.9		55.7	57.0	57.2	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥ 4000   63.9   66.9   66.3   66.5   66.7   66.8   66.9	≥ 5000	58.8	60.3	60.6	60.8	61.0	61.0	51.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.I
≥ 3500       65.5       68.2       68.6       68.9       69.1       69.2       69.2       69.2       69.3       69.2       80.2       80.2       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3       80.3		60.2	61.9	62.2	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.1	62.7	62.8
≥ 3000 70.8 74.0 74.4 74.8 75.2 75.2 75.3 75.3 75.3 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4	h	63.9	66.0	66.3	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	_ಂ7 . ℂ
≥ 2500		65.8	68.2	68.6	68.9	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	59.3	69.4
≥ 2000	≥ 3000	70.8	74.0	74.4	74.8	75.2					75.4				75.4	75.4	
≥ 1800		74.3	78.4	79.0													
≥ 1500 78.4 84.5 85.5 86.3 87.6 87.1 87.4 87.5 87.5 87.6 87.6 87.6 87.6 87.6 87.6 87.7 87.8 2 1200 79.3 86.2 87.3 88.4 89.2 89.4 89.7 89.8 89.8 89.9 90.0 90.0 90.0 90.0 90.0		76.7	81.5	82.3	82.9	83.4	83.5	83.7	83.7								
≥ 1200		77.0	82.2	83.1	83.7												
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	<u> </u>	78.4	84.5	85.5	86.3					-							
$\geq$ 900   79.8   87.6   89.0   90.4   91.6   91.7   92.3   92.5   92.7   92.8   92.8   92.8   92.9   92.9   92.8   800   80.2   88.7   90.3   91.9   93.2   93.6   94.4   94.8   94.8   95.0   95.1   95.1   95.2				87.3							_						
$\stackrel{\geq}{\sim} 800$ $80.2$ $88.7$ $90.3$ $91.9$ $93.2$ $93.6$ $94.4$ $94.8$ $94.8$ $95.0$ $95.1$ $95.1$ $95.2$	<b>⊢</b>																_
$\geq$ 700 80.5 89.2 96.9 92.6 94.1 94.4 95.5 95.8 95.8 96.1 96.2 96.3 96.4 96.4 96.4 96. $\geq$ 600 86.5 89.5 91.3 93.1 94.9 95.2 96.5 96.9 96.9 97.3 97.5 97.6 97.7 97.7 97.7 97.7 97.8					1			_			L.					1	
≥ 600 80.5 89.5 91.3 93.1 94.9 95.2 96.5 96.9 96.9 97.3 97.5 97.6 97.7 97.7 97.7 97.	<b>←</b> ·- ·															95.2	
10000 0000 7100 7100 7100 7100 7100 710																	
	<del></del>			91.3							+						
	≥ 500	80.5	89.7	¥1.6	93.5	95.5	96.0	97.5	98.0	98.0	98.5	98.8	98.9	99.1	99.2		1
$\geq$ 300 80.5 89.8 91.7 93.6 95.6 96.1 97.7 98.3 98.3 99.0 99.4 99.4 99.7 99.8 99.9 99.											1	l l	- 1				
≥ 200 80.5 89.8 91.7 93.6 95.6 96.1 97.7 98.4 98.4 99.1 99.4 99.5 99.8 99.9 99.9 CC.																	
$\geq$ 100   80.5   89.8   91.7   93.6   95.6   96.1   97.7   98.4   98.4   99.1   99.4   99.5   99.8   99.9							- 1	i	1	1						- 1	
$\geq$ 0   80.5   89.8   91.7   93.6   95.6   96.1   97.7   98.4   98.4   99.1   99.4   99.5   99.8   99.9   99.9   90.5	0	80.5	89.8	91.7	93.6	95.6	96.1	97.7	98.4	98.4	99.1	99.4	99.5	99.8	99.9	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 7434

1210WS FORM Q-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24292 CUMDA SC DOT APT STATION NAME

54-63 YEARS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HUURS (LST)

CEILING							ViS	BILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/6	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	46.1	46.4	46.5	46-5	46.6	46.6	46-6	66.6	46-6	46.6	46.6	46-6	46.6	46-6	46.6	46.6
≥ 18000	46.3			46.7		46.7	-		46.7					46.8		
≥ 16000	46.6	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000	48.3	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48 - 8	48.8	48.8	48.8	48.6	48.8	48.0
≥ 12000	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2			51.2	51.3	51.3	51.3	51.3
≥ 10000	55.6			56.1			56.2		56.2			56.2	56.2	- 1	56.2	56.3
≥ 9000	57.7				58.5			58.5	58.5				58.5		58.5	58.5
≥ 8000	62.1	62.7	62.8	62.9		- 1		63.C	63.0			63.0	63.0	ı		63.
≥ 7000	64.3		<del></del>		65.2		65.3		65.3				65.3			65.
≥ 6000 ≥ 5000	65.6			66.7		66.7			66.7			66.7	66.8			66.6
	70.7			72.3			72.3		72.3					72.4	72.4	72.4
≥ 4500 ≥ 4000	72.3	73.7	- 1		74.1	74.1		74.1	74.1	74.1	74.1	74.1	74.1		74.1	74-1
	76.9			79.3	79.4				79.4			79.4	79.4		79.4	79.4
≥ 3500 ≥ 3000	79.5	81.8		82.2		- 1			82.4			82.4		82.4	82.4	82.4
≥ 2500	83.1	86.2 88.6		86.8	89.4	87.5					87.0	89.6	87.0		87.0	87.0
≥ 2000	86.1			91.1		91.4						91.5		89.6	91.5	69.6 91.7
≥ 1800	86.3			91.5		91.9						92.0		92.0		92.
≥ 1500	87.	91.7				93.3	- 1				93.4		93.5	1	93.5	93.5
≥ 1200	87.5			94.1	94.5			94.7					94.7		94.7	94.1
≥ 1000	87.8			95.1		95.7		- 1	95.9			95.9	95.9			95.9
≥ 900	88.0			95.4			96.2					96.4		96.4		96.4
≥ 800	88.2			96.1	- 1	96.9	97.1	97.2			1	97.2		97.2		97.2
≥ 700	38.3	94.5	95.7	96.5	97.3	97.4	97.7		97.7			97.8	97.8	97.8	97.8	97.5
≥ 600	88.4	94.8	96.2	97.0	97.9	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	88.5	95.0	96.4	97.4	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.
≥ 400	88.6	95.2	96.6	97.6	98.7	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	88.6	95.2	96.6	97.7	98.7	98.9	99.4	99.7	99.7	99.7	99.8	99.8	99.8	94.8	99.8	99.8
≥ 200	88.6	95.2	96.6	97.7	98.7	98.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	<u> 10: • C</u>
≥ 100	88.6	95.2	96.6	97.7	98.7	98.9								,		
≥ 0	88.6	95.2	96.6	97.7	98.7	98.9	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0	70¢•0∏	100 . :

TOTAL NUMBER OF OBSERVATIONS

7197

DATA PROCESSING DIVISION CTAC, USAF & HEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

4292 STATION	COMOX SC DOL API STATION NAME	54-63 YEARS	MAY
		JENCY OF OCCURRENCE LY OBSERVATIONS)	ALL Hours (L S T.)

CEILING							VIS	BILITY (ST.	ATUTE MIL	.ES)					-	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ⅓2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/0	≥ 1/ <sub>4</sub>	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55-4	55.4	55.4	55.4
≥ 18000 ≥ 16000	55.5 56.0	55.8	55.8	55.8		55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8 56.3	55.8	55.8
≥ 14000 ≥ 12000	57.3 59.8	57.6			57.6	57.6	57.6	57.6 60.1	57.6	57.6	57.6	57.6	57.6	57.6 60.1	57.6 60.1	
≥ 10000 ≥ 9000	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0		65.0	65.0	65.0	65.0	65.0	65.6
≥ 8000 ≥ 7000	70.9	71.2		71.3	71.3 74.0	71.3	71.3	71.3	71.3		71.3	71.3	71.3		71.3 74.0	71.3
≥ 6000 ≥ 5000	75.2 80.5	75.8	75.9 81.6	75.9	76.0		76.0	76.C 81.7	76.0		76.0			76.0	76.0	76.0
≥ 4500 ≥ 4000	83-2		84.5	84.5	84.6	84.6	84.6		84.6	84.6	84.6		84.6	84.6	84.6	84.6
> 3500 ≥ 3000	89.9 92.1	91.7	92.2	92.2		92.4	92.4	92.4	92.4	92.4	92.4 95.1	92.4		92.4	92.4	92.4
≥ 2500 ≥ 2000	93.4		96.6	96.6		97.0	97.0	97.0	97.0	97.0	97.0 97.8	97.0	97.0	97.0	97.0	97.0
≥ 1800 ≥ 1500	93.8	96.7	97.4	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200 ≥ 1000	94.2	97.4	98.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7 99.0	98.7	98.7	98.7	98.7	98.8
≥ 900 ≥ 800	94.3		96.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700 ≥ 600	94.4	97.8	98.7	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500 ≥ 400	94.5		98.9	99.1		99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300 ≥ 200	94.5	98.0 98.0	98.9	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	94.5	98.0	98.9	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

24292 COMOX SC DOT AP1 STATION NAME

54-63

JUN

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL\_\_\_

CEILING							VIS	IBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/6	≥ 1/2	s: 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000 ≥ 16000	44.1	44.5	:::::[	44.5	44.5	44.5	44.5 45.0		44.5		44.5	44.5	44.5	44.5	i	44.5
≥ 14000 ≥ 12000	46.1	46.5 50.1	46.5 50.1	46.5 50.1	46.5 50.1	46.5 50.1	46.5 50.1		46.5 50.1	46 - 5	46.5			46.5 51	46.5 51.1	46.5
≥ 10000 ≥ 9000	54.2 56.8		1	54.8 57.5	54.8 57.5	54.8 57.5	54 • 8 57 • 5	54.8 57.5	54.8	54.8	54.8	54.8 57.5	54.8 57.5	54.8 57.5	54.8 57.5	54.8 57.5
≥ 8000 ≥ 7000	60.9 63.9	61.7	61.7	61.7	61-7	61.7	61-7	61.7	61.7 64.9		61.7	61.7	61.7	61.7	61.7	1
≥ 6000 ≥ 5000	67.4	68.3 77.4	68.4 77.4	68.4 77.5	68.4 77.5	68.4 77.5	68.4 77.5	68.4 77.5	68.4	68.4 77.5		68.4 17.5	68.4 77.5	68.4 77.5	68.4	68.4 77.5
≥ 4500 ≥ 4000	79.7 85.6	81.0 87.2		81 • 2 87 • 5	81.2 87.6	81.2 87.6	81.2 87.6			81 • 2 87 • 6		81.2 87.6	81.2 87.6		91.2 87.6	
≥ 3500 ≥ 3000	88.8 92.1	90.8			91.1 94.8	91.1 94.9	91.2	-			91.2 94.9	- 1	[	91.2 94.9		91.2
≥ 2500 ≥ 2000	93.1 93.7	95.7 96.5	95.9 96.8	96.2 97.1	96.3 97.2	96.3 97.3	96.3 97.3	96.3 97.3	96.3			96.3 97.3	96.3 97.3	96.3 97.3		ſ
≥ 1800 ≥ 1500	93.8					97.4 97.9	97.4 98.0		97.4 98.0				97.4	97.4 98.0		97.4 98.0
≥ 1200 ≥ 1000	94.1	97.3 97.6		98 • 1 98 • 5	98.2 98.7	98.2 98.7	98 - 3 98 - 8	98.3 98.8	98.3 98.8		98.3 98.8	98.3 98.8		98.3 98.8	98.3 98.8	98.8 98.8
≥ 900 ≥ 800	94.3			98.7 98.8	98.8 99.0	98.9 99.1	99.0 99.2	99.0 99.2	99.0		-1			99.0	J	99.3
≥ 700 ≥ 600	94.4		1	98.9 99.0	99.1 99.2	99.2 99.2	39.3 99.4	99.3		99.3				99.4	99.4	99.4 99.5
≥ 500 ≥ 400	94.5	98.1	98.6	99.1	99.4 99.5	99.5	99.7	99.8	99.B	99.9	99.9		99.9	99.9	99.9	39.3
≥ 300 ≥ 200	94.5	98.2	98.6	99.2	99.5		99.8		99.9	100.0	100-0 100-0	100.0	100.0	100-0	100.0	102.0
≥ 100 ≥ 0	94.5	98.2 98.2	98.6	99.2	99.5	99.6	99.8		i .	i .	100.0 100.0	1				100.0

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGRY BUSINESS SYSTEMS

54-63 YEARS 24292 COMOX RC DOT API STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							1//6/		ATUTE MIL	501						
CEILING							V131	DICI11 (3)	MIDIE MIL	E3)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	- 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING										· •				i		
≥ 20000	62.8	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 18000	62.9	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	64.3	64.9	64.9	65.0	65.0	65.0	65.0	55.0	65.0	65.0	65.0	65.0	65.0	65.3	65.0	65.0
≥ 12000	66.8	67.4	67,4	67.5	67.5	67.6	67.6	57.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	70.7	71.4	71.4		71.5	71.5				71.6		71.6			71.6	71.6
≥ 9000	72.6	73.4	73.4	73.5	73.5	73.5				73.5		73.5	73.5			
≥ 8000	75.8	76.5	76.6	76.7	76.7	76.7			76.7			76.7	76.7	76.7	76.7	
≥ 7000	78.8		79.7		79.8				79.9					79.9		
≥ 6000	80.6	81.7			81.8				81.8		81.8			81.8		
≥ 5000	86.2	87.4	87.4		87.5				87.6					87.6		
≥ 4500	88.2	89.7	89.7	89.8					89.9			89.9				
≥ 4000	91.4		93.3						93.4							
≥ 3500	32.9								95-1			95.1	95.1		95.1	
≥ 3000	94.0		96.1	96.3					96.4				96.4		96.4	
≥ 2500	94.4		96.8		97.1				97.2			97.2	97.2	97.2		
≥ 2000	94.7			97.5					97.7				97.7	97.7		
≥ 1800	94.8					97.7			97.8			[			97.8	
<b></b>	95.0								98.3					98.4		
≥ 1200 ≥ 1000	95.1	97.9							98.7			98.8				
<b>⊢</b>	95.2	98.1	98.4						99.1			99.2		99.2		
≥ 900 ≥ 800	95.2	96.2	98.5		99.1				99.2				99.3		99.3	
-	95.2		E - B						99.3							
≥ 700 ≥ 600	95.2	98.3							99.4			99.4			99.5	
	95.3				99.4				99.6							
≥ 500 ≥ 400	95.3		98.7	99.2	99.5				99.8							
≥ 300	95.4					99.7			99.9 100.0							
≥ 200	95.4								100.0							
≥ 100	95.4															
≥ 100	95.4			99.4	99.7				100.0 100.0							
	17.5	70.2	98.9	99.4	77.1	77.6	77.8	77.7	. U J . U	UU - U	. UU = U	100.0	.00.0	100-0	<u> </u>	CUL .

TOTAL NUMBER OF OBSERVATIONS 7427

24202 COMOX BC DOT APT 54-63

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MI	LES)				**		_
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥1%	≥1%	≥ 1 }	≥ 1/4	≥ 1/2	≥ V <sub>2</sub>	≥ 5/16	> 1/4	 ≥ o
. !	_ 10		- J			- 211	~ 2	- ' /2	- 1/4	- 1	- 74	- 7,	13	3/10	74	= 0
NO CEILING			:			1		]			- [					
≥ 20000	55.0	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.9	55.8	55.8	55.8	55.8	50.8	5 € . 8	55.8
≥ 18000	55.3	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	55.7	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	56.8	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	67.5
≥ 12000	58.3	59.1	59.2	59.2	59.	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	61.6	62.5	62.6	62.6	62.6	62.6	62.6					62.6		62.6	62.6	62.5
≥ 9000	63.9	64.9	64.9	64.9	65.	65.0	65.0	65.0	65.0	65.0	65.0	65.C	65.0	65.0	65.0	65.7
≥ 8000	68.6	70.0	75.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	76.1	70.1	70.1	70.1	70.1	71.1
≥ 7000	70.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	73.1	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.6
≥ 5000	79.5	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6		81.6	81.6	81.6	61.6	31.6	
- ≥ 4500	82.0	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	34.2	84.2	94.2	84.4
≥ 4000	86.0	88.3	88.6	86.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 3500	87.6	90.1	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	30 ° S
≥ 3000	89.1	92.0	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.4
≥ 2500	89.9	93.0	93.4	73.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.C	94.0	94.0	94
≥ 2000	90.5	94.1	94.5	94.9	95.1	95.2	95.3	95.3	95.3	95.3	35.3	95.3	95.3	95.3	95.3	95.3
े ≥ 1800	90.6	94.2	94.7	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	91.0	94.8	95.3	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	01.2	95.3	95.8	96.2	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9		96.9	96.4
≥ 1000	91.4	95.7	96.3	96.8	97.2	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
> 900	91.4	96.0	96.6	97.0	97.4	97.5	97.8	97.9	98.5	98.0	98.0	98.C	98.0	98.0	98.0	98.
≥ 800	41.6	96.3	96.9	97.4	97.8	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	91.7	96.5	97.2	97.7	98.1	96.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	91.7	96.6	97.3	97.8	98.3	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	91.8	96.6	97.4	97.9	98.5	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	39.5
≥ 400	91.8	36.7	97.5	98.1	98.6	98.8	94.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	91.8	96.7	97.6	98.1							99.9					
≥ 200	91.8	96.7	97.6	98.1	98.7	98.9	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.
≥ 100	91.8	96.7			98.7	98.9	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 0	91.8			98.1							100.0					

LIATA PROCESSING DIVISION ETAC. USAF ASHEVILLE. N. C. 28802

24242 COMOX SC BOT APT STATION NAME

54-63 Years

S.c.t' ---

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

							VISI	BILITY (ST.	ATUTE MIL	ES}						
CEILING																
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	⇒ <sub>2</sub>	1 1/2	≥ 1 1/4	≥ 1	≥ ¾	.≳ 5/8	· = 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	:	· ;	:					į			- 1					
2 20000	47-5	51.2	51.8	52.1	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.9
₹ 18000	47.8		52.1	52.5	52.8	52.9	53.	53.0	53.0	53.1	53.1	53.1	53.1		53.2,	53.2
≥ 16000	48.2	1	52.5			53.3						53.5		53.5	53.6	53.7
≥ 14000	49.2					54.5						54.6	54.7	54.7	54.7	54.8
≥ 12000		55.6	1	56.6	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.5
≥ 10000	55.5		60.4	60.8	61.2	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.6	61.9	62 -
≥ 9000	57.6	62.1	62.7	63.1	63.6	63.8	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.4
≥ 8000	61.6	66.6	67.3		68.2	68.5	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.1
≥ 7000	64.0	69.4	70.1	70.6	71.2	71.5	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1
≥ 6000	65.3	71.0	71.7	72.3	72.9	73.2	73.5	73.6	73.6	73.7	73.7	73.7			73.8	
≥ 5000	68.4	75.0	75.9	76.6	77.2	77.7	77.9	78.1			78.2	78.2		78.2		
≥ 4500	69.8	76.7	77.7	78.4	79.1	79.5	79.8	80.0	80.0	80.0	80.1			80.1	80.2	!
≥ 4000	72.0	79.3	20.5	81.3	82.0	82.5	82.8	83.0	83.0	83.1	83.2			83.3	93.3	83.4
3500	73.2	80.9	82.2	83.1	84.0				85.1					85.4	85.5	
≥ 3000	74.5	82.8	84.4	35.5	86.5	87.0	87.4	87.8	87.8						88.2	
≥ 2500	75.1	84.0	85.7		98.				89.4					89.8	39.9	
≥ 2000	75.6	84.9	86.8	88.2								91.4	51.5	91.5	91.6	<u> </u>
≥ 1900	75.7	85.1	86.9	88.4	89.7	90.4	90.9	91.4	91.4		91.7	91.7		91.8	ι	- 1
≥ 1500	76.1	85.7	87.6			91.5									93.2	
≥ 1200	76.2	86.1	88.1	89.9	91.6	92.4	93.0	93.6	93.6	93.9	94.C	94.0			94.2	
≥ 1000	76.2	86.5	88.5	90.5	92.3							94.9	95.0	95.0		
≥ 900	76.3	86.7	88.8	90.8	92.8				95.0			95.5			1	
ຼ≥ 800	76.4	86.9	89.0	91.1	93.3				95.7			96.3		-	96.5	
≥ 700	76.5	87.0	89.2	91.3					96.3			96.9		( 1		1
≥ 600	76.5	87.1	89.3	91.5	93.9		95.8		96.7						97.5	
≥ 500	76.5	87.2	89.5		94.3				97.4		98.2	98.2				98.5
≥ 400	76.6	87.3				95.6						98.9				
≥ 300	76.6	87.4	89.7	91.9	94.8	95.7	97.1	98.2	98.2	98 . 8	99.2			99.4		
≥ 200	76.6	87.4	39.7	91.9	94.8	95.7	97.1	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.8	99.3
≥ 100	76.6	87.4	₹9.7				97.1	98.2	98.2	98.9	99.3	99.3	99.6	99.6	79.8	106
_ ≥ 0	76.6	87.4	89.7	91.9	94.8	95.7	97.1	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.8	i :0• -

TOTAL NUMBER OF OBSERVATIONS

1168 .

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

#### CEILING VERSUS VISIBILITY

24292 LUMUX DC DOT APT

54-63

ALL

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY ISTATUTE MILESI CEILING  $\geq 10$ ,  $\geq 6$ ,  $\geq 5$ ,  $\geq 4$ ,  $\geq 3$ ,  $\geq 2\frac{1}{2}$ ,  $\geq 2$ ,  $\geq 1\frac{1}{2}$ ,  $\geq 1\frac{1}{2}$ ,  $\geq 1\frac{1}{2}$ ,  $\geq \frac{1}{2$ (FE: 7) NO CEILING 20000 16000 ≥ 14000 ≥ 12000 > 10000 > 9000 ≥ 8000 > 7000 - 6000 > 5000 ≥ 4500 3500 > 3000 2500 ≥ 1800 ₹ 1500 ≥ 1200 > 900 800 > 700 ≥ 600 > 500 ≥ 400 ≥ 100

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.)

VISIBILITY (STATUTE MILES) CEILING . ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 2½ = 2 : 1½ ≥ 1½ ≥ 1 ≥ ½ ≥ ½ ≥ ½ ≥ ½ ≥ 5/16 ≥ ½ ≥ 0 NO CELLING 35.7. 36.4 36.7. 36.8 36.9 37.0 37.1 37.1 37.1 37.3 37.3 37.3 37.5 37.5 37.8 38.5 38.5 39.4 39.7 39.9 40.0 40.0 40.2 40.3 40.3 40.4 40.5 40.5 40.7 40.7 40.7 40.9 41.0 40.6 41.6 42.0 42.2 42.3 42.3 42.5 42.5 42.5 42.5 42.7 42.8 42.8 43.0 43.0 43.0 43.0 44.7 44.3 45.6 46.0 46.2 46.4 46.4 46.6 46.7 46.7 46.9 47.0 47.0 47.1 47.1 47.4 47.7 45.7 47.2 47.6 47.9 48.0 48.1 48.3 48.3 48.3 48.5 48.6 48.6 48.7 48.7 49.7 49.6 49.0 51.3 51.8 52.1 52.3 52.3 52.5 52.6 52.6 52.8 52.9 52.9 53.0 53.1 53.3 53.4 55.5 55.6 55.6 55.7 57.7 56.0 56.5 56.5 56.5 59.3 59.3 59.7 60.2 60.2 60.6 60.7 60.7 60.9 61.1 61.2 61.2 61.2 61.5 62.1 56.8 61.4 62.3 62.8 63.4 63.4 63.4 63.8 63.9 64.2 64.3 64.5 64.5 64.5 64.5 64.8 65.4 > 8000 > 7000 5000 ≥ 4/00 ≥ 4000 3500 ≥ 3000 54.5 58.5 59.3 59.7 60.2 6C.2 6C.6 60.7 60.7 60.9 61.1 61.1 61.2 61.2 61.5 62.1 56.5 61.4 62.3 62.8 63.4 63.4 63.8 63.9 64.0 64.2 64.3 54.3 64.5 64.5 64.8 65.4 58.6 64.6 65.7 66.3 66.9 67.0 67.4 67.5 67.6 67.8 67.9 67.9 68.1 68.2 68.4 69.1 69.4 65.6 66.8 67.4 68.1 68.6 68.7 68.7 69.0 69.1 69.1 69.3 69.3 69.3 69.6 70.2 51.1 68.3 69.9 70.6 71.7 71.8 72.3 72.5 72.5 72.8 72.9 72.9 73.1 73.1 73.4 74.0 62.7 71.0 72.8 73.7 75.0 75.2 75.9 76.1 76.1 76.4 76.5 76.5 76.7 76.8 77.7 77.0 63.9 73.3 75.4 76.4 78.0 78.2 79.1 79.4 79.4 79.7 79.8 79.8 80.1 80.1 80.4 80.9 64.9 75.4 78.0 79.4 81.5 81.6 81.6 81.6 81.8 81.8 82.1 82.7 64.9 75.4 78.0 79.4 81.5 81.6 83.0 63.5 83.6 84.1 84.2 84.2 84.5 84.5 84.8 85.4 65.3 76.5 76.3 76.3 79.3 81.0 83.4 83.8 85.1 85.8 85.9 86.5 86.8 36.8 87.0 87.7 87.3 87.7 65.9 78.1 81.4 83.3 83.5 87.4 88.2 88.3 89.1 89.4 89.4 89.7 89.7 90.0 10.6 65.8 77.9 81.1 83.1 83.5 87.2 88.0 90.2 91.4 91.6 92.6 93.0 93.0 93.6 93.6 93.9 94.0 65.9 78.1 81.4 83.5 87.2 88.0 90.2 91.4 91.6 92.6 93.0 94.0 94.0 94.0 94.7 95.2 96.0 97.0 65.9 78.1 81.5 83.8 87.7 88.6 91.1 92.4 92.6 93.8 94.3 94.3 95.2 95.3 96.0 97.9 65.9 78.1 81.5 83.8 87.7 88.6 91.1 92.4 92.6 93.8 94.4 94.4 95.3 95.4 96.6 00. ≥ 2500 ≥ 2000 > 1800 ₹ 1500 ≥ 1200 > 1000 ≥ 800 > 700 ≥ 400 ≥ 300 100

54-63

TOTAL NUMBER OF OBSERVATIONS

1,97

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/1647 BIGINIAS SYSTEMS

LATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

#### CEILING VERSUS VISIBILITY

CUMOX EC DOL APT 242.72 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

uEf.

VISIBILITY STATUTE MILEST CEILING ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 21, 12 11% 11% 21 | 2 % | 2 % 2 5/16 2 % 22. 23. 4 23. 4 23. 4 23. 4 23. 5 23 > 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 3500

<u>54-63</u>

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, No. C. 29801

#### CEILING VERSUS VISIBILITY

24262 COMULA NO DOT ATT STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY IST	ATUTE MIL	ES)						
CEILING					1											
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	.: 1 1/2	≥ 11%	≥1	≥ %	≥ %	= Y2	≥ 5/16	≥ %	≥ 0
NO CEILING	· .	- : 	:	i	.	•	•			:	1				•	
≥ 20000	23.4	23.7	23.8	23.9	23-1	23.3	23.9	23.9	23.9	23.9	23.9.	23.3	23.9.	23.9	24.	24.3
≥ 18000	23.5	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0.	24.0	24.0	24.0	24.0	24.	24.1	24.4
≥ 16000	24.	24.2	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.5.	24.E
≥ 14000	24.8	25.1	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.4	25.7
_ ≥ 12000	25.4	25.9	26.0	26.1	26.1	26.1	26.1	20.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.6
≥ 10000 ≥ 9000	28.	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	2 % 8	29.6
	28.8	29.5	29.6	29.7	29.7	29.7	29.7	27.7	.29.7.	29.7	23.7	29.7	.29 · Z	29.7	29.8	30.4
· ≥ 8000 ≥ 7000	31.1	31.8	31.9	32.9	32.0	32.0	32.3	32.0	32.0	32.0	32.0	32.0	32.⊍	32.U	32.2	32.6
-	32.5	33-4	33.5	33.7	33.7	33.7	33.7.	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	34.
. ≥ 6000 ≥ 5000	32.8	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.3
- ≥ 4500	34.5	35.5	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.8	تسود
≥ 4000 ≥ 4000	>6.3	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	18 - 1
3500	4	41-7	41-8	41.9	41.9	41.9	41.9		41.9	41.9	41.9	41.3	41.3	41.9		42.
≥ 3000	42.6	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.3
≥ 2500	45-4	48-4	48-8	49.1	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49-7	49.7	49.7	49.8	50.4
≥ 2000	49.8	54.0	54.4	54.7	55.3			1	55.4	- 1	. 7	55.4	55.4		55.5	55.9
≥ 1800	24-11	58-9		59.9	.50.5	60.5				60-6	60.6	-1	60.6	66		Clar
≥ 1500	55.2	60.2	51.0	66.6	62.3	62.3			62.4	62.4	62.4		62.4		-	65.9
≥ 1200	62.0	71.0	73.0	74.3	76.0			76.5	76.5							58.5
≥ 1000	63.2	73.8	1	78.2	79.9	-	81.2	81.3	81.4	81.4	76.5	76.5	76.6	76.6		77.1 82.0
≥ 900	63.4	75.2	78.0	80.3	82.2	82.4	84.5	84.2	84.3	84.4	84.4	84.4	84.5	84.5		85.1
≥ 800	63.7	76.0		81.9	84.	84.3	1	86.3	86.5	86.7	,	86.7	86.8	86.8	,	87
≥ 700	64.1	77.4		84.0	86.1	86.5		88.7		89.0		89.0	89.1	89.1		89.7
≥ 600	64.2	78.4		85.4	87.7	82.1		96.6		91.0		91.2	91.3	- 1		91.8
) ≥ 500	64.3	78.8	82.5	86.0	88.6			91.8		92.3	92.6	92.6	93.0			93.5
≥ 400	64.		82.5	86.2	89.1		91.8			93.1		93.4	93.9	II.	94.1	36.5
≥ 300	64.3	78.9		86.6	89.9	- 1		93.8		94.3			95.3		15.5	95.9
≥ 200	64-3		82.7		90.2		_	- 5		95.4				96.8		37.6
≥ 100	64.3	78.9	82.7	86.8	90.2	90.5	93.2	74001		1		95.9	96.8	96.9	97.2	99.(
≥ 0	64.3	78.9	82.7	86-8	90.2	90.5	93.2	34.5	94.6	95.4	95.9	95.9	96.8	96.9.	97.7	سمتن

\_54-63 \_

TOTAL NUMBER OF OBSERVATIONS

24202 COMOX BC DOT A21 STATION NAME

54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY (ST	ATUTE MIL	ES)						
! LEILING (FEET)	 ≥ 10 j	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2		S	:	<u> !</u>	~ <i>a</i> .				
· :	10		- 3	- 4	=- 3 i	- 2 /2	= 2	≥ 1 ½	= 1 %	≥1	≥ ¾	≥ %	- V2	± 5/16	≥ ¼	≥ 0
NO CEILING	ĺ		J	1	-	i		į	1	i		•		į		
≥ 20000	24-1	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
1 ≥ 18000	24.2	24.4	24.4	7 1 7 3	24.5		1	i i	1		. 1			24.5	24.5	24.5
≥ 14000	24.3	24-5	24.5	24.5	24.6	24.6			24.6			24-6		24.6	24.6	24.6
≥ 12000	24.9	25 • 2 25 • 8	25.8	25 · 2	25.3	25.3	25.3	25.3	25.9	25.3 25.9	1	25.3	25.9	25.3	25.3	25.3
≥ 10000	27.2	27.5	27.6	27.6	27.7	27.7	27.7		27.7	27.7	27.7	27.7	27.7	27.7	27.7	25.7
≥ 9000	28.8	29.1	29.2	29.2	29.4		29.4	29.4	29.4	29.4	1	29.4	29.4	29.4	29.4	29.4
≥ 8000	30.9	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5		31.5	31.5	31.5	31.5	31.5
≥ 7000	32.2	32.7	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 6000 ≥ 5000	32.2	32.7	32.8	32.8	32.9	32.9		32.9	32.9		32.9	32.9	32.9	32.9	32.9	32.9
≥ 4500	34-1	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34-9	34.9	34.4
≥ 4000	35.1 38.6	35.8 39.7	35.9	35.9 40.i	36.0 40.2	36.0	36.0	36.C	36.0	36.0	1	36.6	36.0	36-0	36.0	36 - 3
≥ 3500	40.5	41.8	42.3	42.4	42.5	42.5	40.2	40.2	40.2	40.2	4C-2 42-5	42.5	40.2	42.5	42.5	42.5
. ≥ 3000	44	45.8	47.3	47.7	47.8	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 2500	48.3	51.7	52.5	53.1	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 2000	51.6	56.8	57.7	58.7	58.9	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 1800 ≥ 1500	52.7	58.5	59.6	60.6	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
<u> ≥ 1200</u>	57-1	64.1	65.4	66.6	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	07.7
. ≥ 1000	60.5	69.7	71.6	73.2	74.6	74.7	74.8	74.9		75 - 1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 900	62.3	72.4	75.2	80.C	79.4 81.7		79.8	79.9 82.9	79.9 82.9	80.1	83.1	80.1	80.2	80.2	80.2	83.2
_ ≥ 800	62.8	75.4	78.5	82.4	84.5		86.3	86.5	86.5	86.7		86.7	86.8	86.8	86.8	å <b>6</b> .8
≥ 700	63.1	76.8	80.8	84.7	87.4		89.6	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	30.0
≥ 600	63.1	77.4	81.5	85.8	88.3	89.5	91.1	91.3	91.3	91.5		91.5	91.6	91.6	91.6	91.6
≥ 500 ≥ 400	63.2	78.4	82.5	87.0	90.2	90.9	92.5	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	43.4
<b>⊢</b> – ·	63.2		82.6		90.6	,	93.0	93.8	93.8	94.3		94.5	94.6	94.7		94 . Z
≥ 300	63.2	78.5		87.4		91.7		94.6	94.6						95.6	95.6
≥ 100	63.2				91.0		94.2	95.3			96.2	I .			96.7	
≥ 0	63.2	78.5	82.6	87.4	91.6	91.7		95.3	95.3	96-1		96.5	97.0	97.1	97.5	97.5
•-					7444	****	7746		_ <del></del>	-3004		-7040	-2+4 W	3144	314711	لبقته سدتيد.

TOTAL NUMBER OF OBSERVATIONS ......930

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

24252 LOMOX BC DOT APT STATION NAME 54-53

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	1	1	· i	≥ 3	> 01/	~ ~		S							
	< 10	≥ 6	≥ 5	≥ 4	= 3	≥ 2 1/2	≥ 2	1 ½	211/4	≥1	≈ ¾ !	≥ %	: 1/2	: 5/16	≥ 1/4	≥ 0
NO CEILING	i I					· · ·	i	i	•						•	
20000	19.2	2:2	20.2	20.2	20.2	20.2	20.2	22.3	20.3.	23.3	20.4	25.4	20.4	20.4	25.5	2: • Ö
2 18000	19.8								20.3			20.4			20.5	23 • B
14000 -	2-1	20.5			20.5					20.6		20.8			20.9	21-1
≥ 14000 ≥ 12000	39.4	20.9			I		20.9		21.0	21.0	21.1	21.1		21.1	21.2	
≥ 10000	23.8	21.9		21.3			24.4	24.5		22.0	22.2	22.2			24.7	2.5
≥ 9000	25.2								24.5	25.9	26.C	- !	24.6: 26.0	26.0	26.1	24.9
≥ 8000	26.6				27.4		27.4		,	27.5		27.6		27.6	27.7	28.0
≥ 7000	27.2		28 <b>.2</b>	28.2	28.2	26.2	28.2	28.3		28.3	28.4	28.4	28.4		28.5	28.7
≥ 6000	27.6	28.7	28.7	28.7	28.7	28.7	28.7	28.8	28.8	23.8	28.9	28.9	28.9	28.9	29.	29.2
≥ 5000	29.4	35	30.5	30.5	30.5	35	30.5	3:.6	30.6	30.6	30.8	30.8	30.8	30.8	20.3	31.1
≥ 4500  ≥ 4000	30.5		31.7	31.7	31.7	31.7	31.7	31.8		31.8		31.9	31.9	31.9		32.3
3500	1-5ذ	36.8	37-1	37-1	37.1	37.1	37.1	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.4	37.0
≥ 3000	37-1	39.2		39.7	39.7	39.7	39.7	39.8		39.8		39.9	39.9	39.9		4:.2
≥ 2500	46.0	46.3 50.2	46.9 50.8	47.1 51.3	47.1 51.3	47.1 51.4	47-1 51-5	47.2 51.6		47.2	47.3 51.7	47.3	47.3	47.3 51.7	47.4 51.8	
≥ 2000	49.2	54.8	55.5	56.1	56.2						57.0	57.C	57.0		57.1	57.3
≥ 1800	50.2	55.9		57.3	57.4	57.7	-7.8	58.0		58.0	58.2	58.2	58.2	58.2	58.3	58.5
≥ 1500	54.4			63.8	64.0	64.4	64.5		64.7	64.7	65.1	65.1	65.1	65.1	65.2	65.4
≥ 1200	57.4	67.7	69.1	70.9	71.5	72.0	72.3	72.6	72.6	72.6	72.9	72.9	72.9	72.9	73.0	73.2
≥ 1000	59.5		72.5		76.0		76.9			77.4	77.8	77.8	77.8	77.8	78.0	78.2
≥ 900   ≥ 800	60.5			77.4	78.9	79.5	80.0	80.5	,			81.1	81.1	81.1	81.2	_
≥ 700	.62.0	75.1	77.5	81.1	82.6	83.1	83.8	84.3		84.5	84.9	B5.1	85.1	85.1	85-2	85-4
≥ 600	62.3		1	83.2 84.8	85.3 87.5	85.9 88.2	86.6 89.0		87.2 89.8	87.4 90.1	87.8 90.6	86.0	88.1 91.0	88.1	86.2	88.4
≥ 500	62.7				89.1	89.9			91.7	92.3		93.0	93.3	93.3	93.7	
≥ 400	62.7		81.3			90.8		92.6		93.3	94.1	94.2	94.7	94.7	35.2	95.4
≥ 300	62.7		82.3	86.8					93.4	94.1		95.2				
≥ 200	62.7													96.8		
≥ 100	62.7	78.4	82.4	86.9	90.3	91.4	92.8	93.7				95.9	96.7	96.8	97.5	98.1
_≥ 0	62.7	78.4	82.4	86.9	90.3	91.4	92.8	93.7	93.8	94.7	95.8	95.9	<u> 36. 7</u>	96.8	97.7	100-0

TOTAL NUMBER OF OBSERVATIONS

26292 COMOX SC DOT API STATION NAME 54-53 YEARS \_\_\_\_FAL

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.90 -- 110'.

- seu nic							VISI	RILITY (STA	ATUTE MILI	ES)						_
CEILING		· - · · · · · · · · · · · · · · · · · ·			- 1						:					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	⊴ 5/16	≥ ¼	≥ 0
h .							- :									
NO CEILING ≥ 20000		i														
	16.9	16.9	16.9			16.9						-	17.1	11.1	1/20	1000
≥ 18000	17.1	17-1	17.1	17.1	17.1	17.1	-	_	i		I			17.3	17.8	18 - 4
≥ 16000	17.5	17-6	17.6	17.6	17.6					17.7	17.8	17.8	17.8	17.8	18.4	18.9
≥ 14000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.2	18.2	18.2	18.2	18.7	19.4
≥ 12000	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.4	19.5	19.5	19.5	19.5	20.0	20.5
≥ 10000	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.2	22.3	22.3	22.3	22.3	22.8	23.3
≥ 9000	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	24.	24.1	24.1	24.1	24.1	24.6	25.2
≥ 8000	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.5	27.6	27.7	27.8	27.8	27.8	27.8	28.4	28.9
≥ 7000	28.5	28.6	28.6	28.6	28.7	28.7	.28.7	28.7	28.7	28.8	28.9	28.9	28.9	28.9	29.5	30.0
≥ 6000	29.1	29.2	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.5	29.6	29.6	29.6	29.6	30-1	30.6
' ≥ 5000	30.6	31.0	31.1	31 - 1	31.2	31.2	31.2	31.2	31.2	31.3	31.4	31.4	31.4	31.4	31.9	32.5
. ≥ 4500	31.3	31.7	31.8	31.3	31.9	31.9	31.9	31.9	31.9	32.0	32.2	32.2	32.2	32.2	32.7	33.2
· ≥ 4000	34.8	35.6		35.7	35.8	35.8	35.8	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.6	37.1
3500	38.8		39.9		40.1	40.1		40.1		40.2	40.3	40.3	40.3	40.3	40.9	41 - 4
≥ 3000	44	45.5	45.7	45.8	46.1	40.1	46.2	46.2			46.6	46.6	46.6	46.6	47.1	47.6
≥ 2500	47.3	49.8	50.3	50.4	50.9	50.9	51.0			51.3	51.4	51.4	51.4	51.4	51.9	52.5
> 2000	50.9		54.2	54.5	54.9	55.1	55.4	55.6	55.7	55.8	55.9	55.9	56.0	56.0	56.6	57.1
≥ 1800	51.6	54.5	55.2	55.5	55.9	56.0	56.3	56.6	56.7	56.8	56.9	56.9	57.0	57.0	57.5	58-1
≥ 1500	55.5	59. B	60.8	61.5	62.2	62.5	52.9	53.4	63.5	63.7	63.8	63.8	63.9	63.9	64.5	65.1
≥ 1200	58.8	63.9	65.4	66.5	67.3	67.7	68.2	69.0	69.1	69.5	69.6	69-6	69.8	69.8	70.4	71.0
≥ 1000	60.9	67.C	68.8	70.3	71.6	72-4	73.0	74-1	74.2	74.9	75.2	75.2	75.4	75.4	76.0	76.0
≥ 900	61.6	68.2	79.2	71.9	73.3	74.4	75.4	76.7	76.9	77.6	77.8	77.8	78.1	76.1	78.7	<b>79.</b> 2
≥ 800	62.8	70.5	73.0	75.1	76.7	78.0	79.2	80.9	81.1	81.8	82.2	82.2	82.5	82.5	83-1	83.7
≥ 700	63.0	70.9	73.5	75.8	77.7	79.6	81.2	82.8	83.0	83.9	84.2	84.2	84.6	84.6	85.5	86.0
≥ 600	63.2	71.9	74.8	77.6	79.9	81.9	33.7	85.7	85.9	86.9	87.6	87.6	88.3	88.3	89.1	39. I
≥ 500	63.4	72.7	75.9	79.1	81.7	83.9	86.1	88.6	88-8	90.3	91.6	91.7	92.6	92.6	93.7	94.2
≥ 400	63.4	72.9	76.3	79.0	62.5	84.8	87.1	89.7	89.9	91.6	92.9	93.0	94.0	94.0	95.3	96a
≥ 300	63.4	73.0	76.6	79.8	82.5	85.3	87.8	90.4	90.6	92.5	93.8	93.9	95.2	95.2	96.5	97.5
≥ 200	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.7	95.7	97.7	99.2
- ≥ 100	63.4	73.0	16.6	79.8	82.8	85.3	58.2	90.8	91.0	92.9	94.2	94.3	95.9	96.0	98.2	99.7
≥ _0	63.4	73.0	76.6	79.8	82.8	85.3	88.2	90.8	91.0	92.9	94.2	94.3	95.9	96.0	98.2	أكمووا

TOTAL NUMBER OF OBSERVATIONS

930

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

ALLIEF FORV BUSINESS SYS

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24257 -	COMOX BL DOT API	54-63 YEARS	JA:4
		GE FREQUENCY OF OCCURRENCE M HOURLY OBSERVATIONS)	1207-1407 HOURS (L S.T.)

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	٠.	· .		ı	1			i								
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	- 1 1/2	≥ 11/4	≥ 1	≥ %	≥ %	≥ 1/2	≥ 5/16	≥ //	≥ 0
NO CEILING			}		. 1	-	İ	1	ļ	}	1					
≥ 20000						4.5 4	30 (	30.7	10.4	10	10.4	10 4	10 6	10.6	10.4	26 0
. ≥ 18000	19	19-4				19.4								a	10.4	2202
≥ 16000	19.3		19.6	19.6		19.6	1			19.6		19.6		19.6	19.6 25.3	
<sup>←</sup> ≥ 14000	2.4	20.8	23.8	20.8	20.8			20.8	20.8	20.8	50.8	20.8	20.8	22.0		
≥ 12000	21.7	22.0		22.0	22.0	23.1	22.0	22.6	23.1	23.1	33.1	23.1	22.0	23.1	22.3	
_  ≥ 10000	22.8	25.5	23.1	25.6	25.5	25.8	23.1		25.8	25.8	25.8	25.8	25.8		25.8	23.5
≥ 9000	24.3		25.6	22.0	27.2	27.2	27.2	25.8	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.8
≥ 8000	26.2	26.9 29.6		29.7	29.9	29.9	29.9	25.9	29.9	29.9	29.9	29.9	29.9		29.9	37.5
≥ 7000	28.9	27.0	32.0	32.	32.3	32.3	32.3	32.3	32.3		32.3	32.3	32.3	32.3	32.3	32.9
> 6000	31.6	32.4	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	33.3
≥ 5000	32.4	33.5	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.5
'- > 4500	32.8	34.0	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34 - 3	34.3	34.3	34.9
> 4000	36.	38.0	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	39.1
3500	39.2	41.C	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	42.2
≥ 3000	43.5	45.9	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	47.3
≥ 2500	47.5	51.0	51.4	51.5	51.8	51.8		52.0	52.0	52.2	52.3	52.3	52.3	52.3	52.3	
≥ 2000	51.3	55.9	56.3	56.5	56.8	56.8		57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	8.1
. ≥ 1800	52.4	57.3		58.0	58.3	58.3		58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.	59.7
≥ 1500	55.3	60.6	1	61.6	62.	62.0		62.8	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.9
≥ 1200	58.4	65.9		67.7	68.8			69.9	69.9	70.2	70.3	7(.3	70.3	70.3	70.3	71.0
≥ 1000	60.9	69.7	70.6	71.7	73.2		74.1	74.7	74.7	75.2	75.6		75.6		75.6	76.2
⊢ ≥ 900	61.9	71.1	72.4	73.4	75.1		76.0	76.7	76.7	77.2	77.6	77.6	77.7	77.7	77.7	
≥ 800	62.7	72.6		75.3	77.2	:	78.7	79.7	79.7	80.3		80.9	81.1	81.1	81.1	
. > 700	63.3			77.4	79.7	85.1	31.7	83.1		84.2		84.7	84.9		85.1	85.7
≥ 600	63.8	74.9		78.6			33.7	85.3			87.4	87.5	87.7	87.7	88.0	88.6
≥ 500	64.3	75.7		79.9	83.8		86.2	88.7	88.8	90.0			92.2		92.5	93.2
≥ 400	54.3	75.9	1 - 1		84.2	1			89.7		92.9	93.0	93.5		94.2	95.1
≥ 300 =	64.3	75.9		80.3	84.2		87.3	90.1	90.2		94.2	94.6	95.7	95.8	96.7	97.5
≥ 200	64.3	75.9							90.3				96.3		97.7	99.2
_ ≥ 100	64.3	75.9		8( . 3	84.2				90.3		94.7		96.3			99.6
≥ 0	64.3	75.9				85.2							1			100.0
·			F.L													

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

54-63

1500-1700 HOURS OLS TO

CEILING							VIS	BILITY (ST.	ATUTE MI	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 11/2	≥ 1 1/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING				.——.		· +								- 4		+
≥ 20000	22.1	22.2	22.2	22.2	22.	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.5	22.5	23.6
≥ 18000	22.1	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.5	22.5	23.6
≥ 16000	22.9	23.0	23.0	23.0	23.1	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.4	23.4	24.4
≥ 14000	24.5	24.7	24.7	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.9	25.0	25.0	26.0
≥ 12000	25.5	25.8	25.8	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	26.0	26.2	26.2	27.2
≥ 10000	29.3	29.8	29.8	29.8	29.6	29.8	29.9				29.9	29.9		30.1	30.1	
≥ 9000	30.0	30.8	36.9	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.2	_31.3	31.3	32.4
≥ 8000	32.1	33.0	33.3	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5		33.7	33.7	34.8
≥ 7000	33.7	34.7	34.9	35.0	35.0	35.0	35.1	35.1	35.i	35.1	35.1	35.1		35.3	35.3	36.4
≥ 6000	34.1	35.2	35.4	35.5	35.5	35.5	35.6				35.6	35.6		35.8	35.8	
≥ 5000	35.8	37.0	37.2	37.4	37.5	37.5	37.6							37.8	37.8	
≥ 4500	37.0	38.4	38.6	38.8	38.9	38.9	39.0				39.0	39.0		39.2	3 <b>9.2</b>	1
≥ 4000	39.9	41.4	41.7	41.8	41.9	41.9	42.0	42.0	42.0					42.2	42.2	43.3
≥ 3500	42.6	44.2	44.5	44.6	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.2	45.2	
≥ 3000	46.0	48.1	48.7	48.8	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.4	49.4	50.5
≥ 2500	50.2	53.0	53.5	53.6	53.7	53.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.9	54.9	
≥ 2000	54.3	57.8	58.6	58.8	59.2	59.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.6	60.6	
≥ 1800	55.1	58.9	59.7	60.U	60.5	60.5	61.6		61.7	61.7	61.7	61.7	61.8	61.9	61.9	63.4
≥ 1500	58.3	63.3	64.4	64.6	65.8	65.9	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.4	67.4	68.5
≥ 1200	60.9	67.8	69.1	69.4	70.7	71.0	72.2	72.7	72.7	72.9	72.9	72.9	73.0	73.1	73.1	74.2
≥ 1000	62.6	70.4	72.8	73.1	75.1	75.6	77.0	77.5	77.5	77.8	78.1	78.3	78.4	78.5	78.5	79.5
≥ 900	63.2	71.5	74.0	74.5	76.9	77.4	78.9	79.5	79.7	80.0	80.3	80.4	80.5	80.6	BC.6	81.7
_ ≥ 800	63.2	73.0	75.5	76.0	78.5	79.2	80.7	81.6	81.7	82.1	82.5	82.6	82.7	82.9	82.9	84.0
≥ 700	63.2	73.7	76.3	77.0	79.5	80.5	82.3	83.2	83.3	83.9	84.2	84.7	84.8	85.0	85.0	86.1
≥ 600	63.5	75.3	78.1	78.9	82.1	83.2	85.4	86.2	86.3	87.0	87.4	88.2	88.3	88.5	88.5	89.6
≥ 500	63.7	76.5	79.3	80.5	84.0	85.3	88.6	89.8	90.0	91.1	91.8	92.6	92.8	93.0	93.1	94.5
≥ 400	63.7	76.7	79.7	80.8	84.6	86.0	89.5	90.9	91.1	92.4	93.3	94.1	94.4	94.6	94.8	96.2
≥ 300	63.7	76.7	79.7	81.1	84.9	86.4	89.9	91.6	91.8	93.3	94.5	95.6	95.9	96.1	96.3	97.8
≥ 200	63.7	76.7	79.7	81.1	84.9	86.4	89.9	91.8	92.0	93.9	95.2	96.2	96.7	96.9	97.2	99.1
≥ 100	63.7			81.1	84.9	86.4	89.9	91.8	92.0	93.9	95.2	96.2	96.8	97.0	97.6	99.6
≥ 0	63.7	76.7	79.7	81.1	84.9	86.4	_	91.8	92.0	93.9	95.2	96.2	96.8	97.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS

929

1210WS JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FERY BUSINESS SYSTEMS

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24232 CUMOX BC DOT APT STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 800-220 L

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1%	≥ 1 ;	≥ 3/4	≥ 5/ <sub>8</sub>	· * 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING											·	- •			• •	
20000	22.5	23.5	23.5	23.8	24.0	24.0	24.0	24.1				24.1	24.3	24.3	24.6	25.5
≥ 18000	22.5	23.5	23.5	23.8	24.0					24.1				24.3		
≥ 16000	22.8	23.9	23.9	24.1	24.3					24.4				24.6		
₹ 14000	23.4	24.5			24.9			25.1		25.1				25-3	1	
12000	24.3	25.6	25.6	25.8	26.0					26.1				26.3		27.5
≥ 10000	29.3	_3୍ ୍	30.1	1	30.5					30.6				30.9		
≥ 9000	29.8	31.7	31.8		32.3		32.3							32.6		
> 8000	30.8	32.9	33.1		33.5	1				33.8				34.0	,	
> 7000	31.6									35.1				35.3		
> 6000	31.9	34.7	35.1			I				35.7		35.7		35-9		
> 5000	34.4		37.7	38.0	38.2	38.2					38.4			38.6		
≥ 4500	34.6					38.7					38.9				39.5	
· > 4000	37.7		42.2							42.8					+	
3500	39.9		44.6		45.1					45.3		45.3				
 ≥ 3000	45.6		51.0		51.4	51.4				51.6		51.6				53.
≥ 2500	49.6	55.5	56.3	56.9	1	57.1				57.6					58.2	59.
≥ 2000	52.8	59.5	60.8	61.6	61.8	62.0	62.3			65.6					63.1	64.
≥ 1800	53.7	60.6		62.9	63.2	63.4			,	64.0		64.0			64.5	
≥ 1500	57.0	66.8	68.3	69.7	70.2	70.5		71.1		71.3		71.3				
≥ 1200	59.5	72.0	74.1	76.2	77.0	77.4	78.0		78.3		78.7				79.2	80.1
≥ 1000	60.3	13.5	75.8	78.2	79.4		80.5		81.1	81.7	81.7		81.9		82.3	83.1
≥ 900	60.6	74.8	77.6	80.3		82.4			83.7	84.3		84.3	84.5		84.8	
≥ 800	60.9	76.1	78.9	81.7	83.4	84.0	85.6			86.8					87.5	88.4
≥ 700	61.1	76.6	79.7		- 1	85.3		87.4				88.2			89.0	89.9
≥ 600	61.1	76.8	80.2	83.4	85.8	86.3	88.7	89.5	89.5	90.2					91.4	
≥ 500	61.1	77.4	81.0	84.8	87.7	88.4	91.4	92.4	92.4		93.5			94.4		(
≥ 400	61.1	77.6	81.2	85.2					93.5		94.8				96.0	
≥ 300	61.1	77.6	81.2	85.2						95.6					97.0	98.2
≥ 200	61.1	77.6	81.3							95.9						98.8
≥ 100	61.1	77.6	81.3	85.3	88.5									97.3		
_ ≥ 0	61.1	77.6	21.3	85.3	88.5	89.2	92.9	94.2	94.3	96.0	96.2	96.3	96,9	97.3	97.7	100.0

54-63

TOTAL NUMBER OF OBSERVATIONS 931

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

#### CEILING VERSUS VISIBILITY

24292 CORNX HE DEL ADI STATION NAME

54-63

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)		-				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓2	≥ 2	≥ 1 ⅓2	≥ 1 1/4	≥ 1	≥ ¾	≥ 3/6	≥ 1/2	≥ 5/16	≥ %	≥ 0
NO CEILING						i								- 1	1	
≥ 20000	21.3	22.8	22.9	22.9	22.9	22-9	22.9	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.4
≥ 18000	21.3	22.8	22.9			22.9		22.9			22.9				23.1	23.4
≥ 16000	21.6	23.1	23.3	23.3	23.3	23.3	23.3		23.3	23.3		23.3	23.5		23.5	23.7
≥ 14000	22.5	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.5	24.5	24.5	24.8
12000	23.5	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.7	25.7	25.7	25.9
≥ 10000	ુ. વ	29.0	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	24.5
≥ 9000	£ 2 .3	30.4	30.5	30.6	37.6	34.6	30.6	30.6	30.6	30.6	30.6	30.6	30.8	30.8	30.9	31
≥ 8000	51.4	34.1	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.7	34.7	34.7	34.9
≥ 7000	32.2	34.9	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.4	35.4	35.4	35.0
. ≥ 6000	32.5	35.2	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35 . 6	35.6	35.6	35.8	35.8	35.8	36-1
_ ≥ 5000	35.2	38.2	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6		38.9			39.1
≥ 4500	36.1	39.1	39.5	39.6	39.6	39.6		39.6	1		39.6	39.6	39.8	39.8	39.8	40.3
≥ 4000	40.2	44.1	44.6	44.7	44.7	44.7		44.7				44.7	44.9		44.9	45.1
> 3500	42.5	46.8	47.3	47.4				47.4				47.4	47.6			47.5
≥ 3000	45.9							52.4		52.4		52.4		52.6		52.9
≥ 2500	49.2	55.7	56.2	56.5	56.7	56.7		56.8					57.1	57.1	57.1	57.3
≥ 2000	53.4		62.0					62.8							$\overline{}$	
≥ 1800	54.0	, ,	62.8					63.5				63.5	63.7		63.7	63.9
≥ 1500	58.6		69.4		70.9			71.4						71.6		71 - 8
≥ 1200	61.0		74.5		77.9			78.8				78.9	79.2		79.2	79.4
<b>⊢</b> –	62.6		77.2		81.6			82.8				83.0				63.5
≥ 900	63.0		78.3		83.2			84.6					85.1		85.1	85 - 4
ļ	63.1	78.1	80.3		85.6			87.3				87.5				88.4
≥ 700 ≥ 600	63.4		31.3		1			89.1					89.9	-		90.3
≥ 500	63.8		82.5	85.9				90.6				91.0	91.6			92.0
≥ 400	63.7		82.9					91.7					93.0			93.4
≥ 300	63.9		83.1	86.8				93.2				94.2	94.8		94.8	95.3 96.8
≥ 200	63.9		83.1					94.3		- 1		1	96.0 97.2	) 1		98.1
≥ 100	63.9		83.1					94.3								
≥ 100	63.9		03.1	86.8	- 1	90.3	93.2			,	96.2	- ,	97.3	)		100.3
	7.0	BC. 1	03.1	00 - N	11 × X	A Mary	JJ.C	77.2	94.3	72.9	70.4	96.3	21.2	71.9	700 1	L UV a VI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2033-325 HUURS (LST)

								D.1.171/ 107				-				
CEILING							VISI	BILLIA (2)	ATUTE MIL	£5)						i
(FEET)	' Ī	7	. 1	1	1	2 1				. 1						
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	211/2	211/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ %	≥ 0
		-			!	4						- ·	- •		•	
NO CEILING ≥ 20000														2.7.0		
h-	33.5		33.7													
≥ 18000	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8
≥ 16000	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.3
≥ 14000	33.7	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.3	34.0	34.0	34.1	34.1	34.1	34.1
≥ 12000	35.d	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4
≥ 10000	37.5	37.6	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	33.1
≥ 9000	38.9	- 1	39.3	39.3	39.4				39.4	i		39.4		39.5	39.5	39.5
≥ 8000	42.1	42.4				42.7						42.7	42.8			
≥ 7000	43.9	1	1	44.5		1			44.6			44.6	1		1	
> 6000	45.4								46.3						46.4	
> 5000	]			- 1												- i
<u>-</u>	49.0			50.3					50.5		50.5	. <u>50.5</u>		+		
≥ 4500   ≥ 4000	50.3			51.8		52.1		52.1			52.1	52.1		52.2		1
<del></del>	53.1	_54a7		55.5	55.7				55.9			55.9			56.0	
! > 3500	54.4	56.6	57.2			57.8			57.9						58.C	
≥ 3000	57.3	المنط	60.7	61.3	61.9	61.9						62.0		62.1	62.1	52-1
≥ 2500	60.2	63.8	64.6	65.4	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 2000	61.9	65.7	66.6	61.6	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8
≥ 1800	62.5	66.3	67.2	68.4	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
≥ 1500	64-1	68.4	69.6	70.8	72.1	72.2	72.4	72.4	12.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
≥ 1200	66.5					77.4			77.9			77.9	78.0	78.0	78.0	78.0
≥ 1000	67.7		76.8			81.1			61.7			1	82.0	82.0	82.d	82.0
≥ 900	68.4				82.7				83.6					83.9		83.9
≥ 800	68.4		79.3			1	85.2			85.9				86.5		
≥ 700	69.0	77.6		83.1	86.2		86.7		87.2						88.4	
≥ 600	69.2		81.4						89.2					90.8	30.8	
≥ 500									91.7			93.1		93.5		
≥ 400	69.2			85.3					1				_			
<u> </u>	69.2								93.5					95.4	95.5	
≥ 300 ≥ 200	69.2	78.7	82.4	1	-				94.7					97.0	1	
	69.2								95.4					90.3		98.
≥ 100	69.2		:						95.5							
≥ 0	69.2	78.8	82.5	86.4	91.8	92.8	94.4	95.5	95.5	96.4	27.2	97.4	98.5	98.5	29.0	100-0

TOTAL NUMBER OF OBSERVATIONS

24292 COMOX BC DOT APT STATION NAME

54-63

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VIS	BILITY (ST	ATUTE MIL	ES)						
CEILING			,		1											
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 ¼	≥ 1	≥ 3/4	≥ 5/0	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING					i	· -							- :	1		
≥ 20000	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
> 18000	31.8	31.9													31.9	
≥ 16000	31.8	31.9							31.9				31.9			
≥ 14000	32.6	32.7	32.7	32.7	32.7				32.7				32.7	32.7	32.7	32.7
≥ 12000	33.1	33.2	33.2	33.2	33.2	33.2	33.2						33.2	33.2	33.2	33.2
≥ 10000	35.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35 . 7
≥ 9000	36.5	36.9	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2
≥ 8000	39.5	40.0	40.0	40.1	40.1	40.1,	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3
≥ 7000	40.9	41.5	41.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	42.6
> 6000	41.4	42.0	42.0	42.1	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4
≥ 5000	45.2	46.1	46.3	46.5		46.6				46.7	46.7		46.7	46.7	46.7	46.8
≥ 4500	46.1	47.0	47.6	47.8	,	47.9				49.0	i	48.0	48.C	3	48.0	48-1
≥ 4000	50.5	52.€	52.7	52.8		53.0				53.1				53.1		53.2
> 3500	52.5	54.3	55.1	55.2	55.3		55.4		t	55.4				55-4	55.4	55.6
≥ 3000	57.1	59.6	60.5	60.9	61.0	61.0				61.1			61.1		61.1	61.6
≥ 2500	61.2	64.4		66.1	66.4	66.4		66.5		66.5		66.7	66.7	66.7	66.7	66 . ₹
≥ 2000		66.2	67.3	68.L					68.7				68.9		68.9	69.
≥ 1800	63.3	66.5		68.4	59.1	69.1			69.3			69.5	69.5		69.5	69.6
≥ 1500	64.4	68.9		70.9					71.9				72.1	72.1		72.2
≥ 1200 ≥ 1000	66.4	72.9			77.5	77.7	77.8		77.8					78.0		78.1
	68.1	75.9	78.4	79.7		81.7									82.7	82.9
≥ 900	68.1	76.4		80.3	82.7		83.C		83.2			83.9		- 1	1	84.
≥ 700	69.1	78.5			85-3							86.5				85.4
≥ 600	69.4	79.8		83.8		86.9	67.1		87.4				88.2		88.2	88.3
≥ 500	69.4		83.3		88.9	89.1			89.6						96.4	99.5
≥ 400	69.4	80.6			89.8				91.1				92.3		92.4	92.6
≥ 300	59.4			86.3					94.0						96.6	
≥ 200	1	80.9													97.4	
≥ 100															97.8	
≥ 0	69.4			86.4								96.1				
	<u> </u>	<u> </u>	·/ ▼ • £ !	JU • T	7 0	72.00	1101	7 4 4 7	74.0	1000	70.0	7041	7		<u> УС</u> <u>•</u> С <u>р</u>	<u> </u>

OATA PROCESSING DIVISION EFAC, USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24272 CHMOX HC DOT AFT STATION NAME

54-51

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

363 - (80 Hours (LST)

							VISI	BILITY (ST	ATUTE MIL	ES)						
CEILING																
(FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ½	2 2	₹11/2	≥ 1 1/4	≥ 1	≥ ¾,	≥ 5/ <sub>6</sub>	≥ ½	≥ 5/16	≥ 1/4	≥ 0
NO CEILING					i	-		- i	i	i	i		•		· ;	
~ 20000	22.6	22.9	22.9	23.0	23.	23.0	23.0	23.4	23.0	23.0	23.0	23.0	23.	23.0	23.0	23.
> 18000	22.6	22.9	22.9	23.4	23.0	23.5	43.G	23.0	23.	23.0	23.0	23.0	23.0	23.0	23.0	23.
≥ 16000	22.6	23.2	43.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 14000	23.9	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 12000	25.2	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 10000	29.2	29.8	29.8	29.9	30.0	20.0	30.3	30.3	36.3	30.3	30.3	30.3	30.3	30 - 3	30.3	31 . 3
≥ 9000	31.3	31.9	31.9	32.2	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 8000	34.6	34.8	34.8	35.1	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 7000	36.3	37.4	37.4	37.7	37.9	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
> 6000	36.5	37.6	37.6	37.9	38.2	38.2	38.4	38.4	38.4	38 . 4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 5000	40.0	41.5	41.8	42.2	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 4500	41.5	43.1	43.5	43.9	44.4	44.4	44.7	44.7	44.7	44 . 7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4000	45.6	47.6	48.1	48.5	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
> 3500	47.8	49.9	50.4	50.8	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
_ ≥ 3000	52.7	55.3	56.0	56.6	57.4	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	<b>7.8</b>
≥ 2500	55.8	59.1	59.9	60.8	61.6	61.7	61.9	52.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
_ ≥ 2000	57.0	60.6	61.5	62.3	63.5	63.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64. i
` ≥ 1800	58.0	61.8	62.8	63.6	64.8	65.0	55.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 1500	60.5	65.4	66.5	67.6	69.1	69.4	70.0	70.2	70.2	70.2	76.2	70.2	70.3	70.3	70.3	70.3
≥ 1200	62.6	70.1	71.5	72.7	75.1	75.3	75.9	76.1	76.1	76.1	76.2	76.2	76.4	76.4	76.4	76.4
≥ 1000	64.4	74.0	75.7	76.8	79.3	79.6	BC . 1	8C.4	80.4	80.5	80.9	80.9	81.2	81.3	81.3	81.3
≥ 900	65.2	75.3	77.1	78.6	81.1	81.3	82.0	82.7	82.7	83.C	83.5	83.5	83.8	83.9	83.9	83.9
. ≥ 800	65.8	76.7	78.5	80.5	83.1	83.5	84.4						86.8		86.9	86.9
≥ 700	66.7	78.5	80.4	82.7	85.7		87.1	87.9	87.9	88.3	89.0	89.0	89.5	89.6		1
≥ 600	66.9	80.0	82.2	84.6	87.9	88.4	39.5	90.3	90.3			91.5	92.1			92.2
≥ 500	67.0	81.3	83.6	86.3		90.4	1	92.7	92.7	93.5		94.3	95.5	95.6	95.9	
≥ 400	67.3	81.6	83.9	86.6	90.8	91.5	92.9	94.	94.0				96.8		•	97.3
≥ 300	67.0	81.6	83.9	86.6		91.5	92.9	94.3	94.3		96.0					98.1
≥ 200	67.C	81.6	83.9	86.6			93.0		94.6					98.1		
≥ 100	67.C	81.6	83.9	86.6	90.8	91.5	93.0	94.6	94.6	95.4	96.2			98.2		
≥ 0	67.C	81.6	83.9	86.6	90.8	91.5	93.0	34.6	94.6	95.4	96.2	96.3	97.9	98.3	99.1	100.3

TOTAL NUMBER OF OBSERVATIONS

846

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24252 COMOX EC DOT APT 54-63
STATION NAME YEARS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	- BILITY (ST	ATUTE MIL	ES)						
CEILING										•						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	.≥ 2	£ 1 ½	≥ 1 ½	≥ 1	≥ ⅓	e 1/2	· 1/2	≥ 5/16	≥ 1/4	≥ 0
. !					- 1	- "		- ' ''			- <i>'</i> *		. 12	_ 37.10		
NO CEILING	i			1	i		:	i	i		į			•		
20000	22.6	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
18000	23."	23.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 16000	23.5	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 14000	24.8	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
₹ 12000	26.0	26.6	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	21.2	27.2
≥ 10000	29.7	30.3	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	35.9	30.9	35.9
_ ≥ 9000	31.1	31.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 8000	35.6	36.4	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.	37.0	57.1
> 7000	38.1	39. Ü	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8
> 6000	38.4	39.5	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	4( . 1	4:.1	41 3
≥ 5000	46.5	42.2	42.8	42.9	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.5
. ≥ 4500	41.5	43.1	43.9	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.6
_ ≥ 4000	45.5	47.4	48.1	48.2	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.9
3500	47.6	49.8	50.5	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51 . 4
≥ 3000	53.7	56.4	57.1	57.4	57.7	57.9	58.0	58.0	58.0	58.3	58.3	58.3	58.3	5 : . 3	58.3	50.5
≥ 2500	55.7	59.0	60.0	60.6	61.0	61.3	61.6	61.8	61.8	62.2	62.3	62.3	62.3	62.3	62.4	52.5
≥ 2000	57.6	61.5	62.6	63.8	64.8	65.2	65.5	65.7	65.7	66.1	66.2	66.2	66.2	66.2	56.3	66.5
≥ 1800	57.9	61.6	62.8	64.1	65.0	65.5	55.7	56.0	66.0	66.3	66.4	66.4	66.4	66.4	66.5	66.8
≥ 1500	60.2	64.7	66.1	67.5	68.3	69.3	59.5	59.7	69.7	70.2	<u>70.3</u>	70.3	70.3	70.3	70.4	7:.7
≥ 1200	61.1	65.8	67.5	69.1	70.4	70.9	71.3	71.6	71.6	72.1	72.2	72.2	72.2	72.2	72.3	72.6
≥ 1000	62.9	69.1	71.0	73.3	75.2	75.8	76.5	76.8	76.8	77.3	77.8	77.8	78.i	78.1	78.3	78.5
≥ 900	63.5	71.0	73.2	76.0	78.0	79.0	33.0	80.4	80.4	81.2	81.8	81.8	82.2	82.2	82.3	82.5
_ ≥ 800	64.7	73.9	76.7	79.7	31.8	82.9	93.9	84.5	84.5	85.3	85.9	85.9	86.8	86.8	86.9	87.1
≥ 700	65.0	75.3		81.3	84.0		36.0			88.1		88.8		89.6	89.7	90 • .
> 600	65.4	77.2	80.1	<b>c3.6</b>	86.3				89.8		91.4	91.4		92.2	72.4	42.7
> 500	65.4	77.8	81.0	84.6	87.8	89.6	91.1	92.0			94.2	94.2	95.0	95.0	,	75.6
. ≥ 400	65.5	78.6	81.9	25.6	88.9	90.8	92.7		93.7		96.1	96.1	96.9	96.9	97.3	97.
≥ 300	45.5	78.7	82.2	85.8	89.1					95.9	96.9	96.9	97.8	97.8	98.2	96.6
≥ 200	65.5	78.7	52.2	~~						96.0				98.1	98.6	99.2
≥ 100	65.	78.7	82.2				93.0		94.7					98.1		
. ≥ 0	65.5	78.7	82.2	85.8	89.1	91.0	93.C	94.7	94.7	96.0	97.C	97.5	97.9	98.1	98.6	L <u>u0.0</u>

346

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 25801

### CEILING VERSUS VISIBILITY

STATION NAME STATION NAME

<u>54-53</u> ....

HONTH 1237 - 1437 HULRS (L ST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	-						, ucu	30 ITM ICT	A 71175 AA11	· ·						7
CEILING I							A121	SILITY (SIA	ATUTE MIL	E 2)						1
(FEET)			1	_ ;				1								
}	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 5 %	-: 2	11/4	≥ 11/4	2.1 1	≥ ¾	:5 3 s	7 Va	: 5 16	· 74	≥ 0
NO CEILING		i			:		:	i		i					- · ·	
20000	29.7	A 6	3 - 4	36 4	35 4	30.4	30 4	3 4	35.4	30.4	30.5	3.45	30.5	a - 5	3 .5	3
≥ 18000 l	30.1					30.5						3 . 9	35.9	37.9	3(-9)	
≥ 16000			31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.4	31.4	31.4	31.4	31.4	
' ≥ 14000	31.7	32.4	32.4	32.4	32.4		32.4			32.4	32.5	32.5	32.5	32.5	32.5	
≥ 12000					1	34.9	34.9		35.1	1	35.3	35.3	35.3	35.3	35.3	1
≥ 10000	34.1	34.8	34.9	34.9	34.9		37.5			37.9		38.d	38.0	38.0	38.0	
9000 ≥	36.7									1		39.8	39.8	39.8		
larer er	38.		39.4	39.4	39.4	39-4		39-6	39.6		39.8				39.0	39.8
≥ 8000	41.4	1	42.5	42.5	42.6	1	42.6			42.8	43.0	43.0	43.0	43.0	43.0	45.0
<u> </u>	43.4		44.6	44.7	44.7	44.7		45.C	45.0		45.1	45.1	45.1	45.1	45.1	45.i
> 6000 > 5000	44.1		45.4			45.6	- 1			1	45.9	45.9	45.9	1	45.9	:
	46.2		47.9	48.0			48.3	48.	48.5			48.6	48.6	45.6	48.5	
≥ 4500	47.3	49.0	49.2	49.3		- 1	49.6	1		49.8	49.9	49.9	49. 3	47.9	49.9	
. 2 4000		52.5	53.0	53.1		53.6		53.8		53.8	54.0	54.0	54.C	54.0	<u> 54. ]</u>	54.
3500	53.5		56.6	56.8	57.2	57.3	57.3	57.5		57.5	57.6	57.6		57.6	- 1	57.6
≥ 3000	58.		63.1	63.7	64.3	64.4	64.4	64.0		64.6	64.7	64.7		64.7	54.7	
> 2500	60.6		66.5	67.2	68.0	68.2	68.3				68.8	68.8		68.8	68.8	
≥ 2000	61.9	67.5	68.5	69.2	70.1	70.2			_7 <u>0.</u> 8		70.9	70.9	70.9	70.9	<u>70.9</u>	
≥ 1800	62.2	67.9	69.1	69.8	70.7	70.8	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1500	63.7	69.8	71.2	72.4	73.7	73.3	74.1	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.0
· ≥ 1200	64.3	72.4	73.0	74.6	76.3	76.4	76.7	77.0	77.0	77.0	77.2	77.2	77.3	77.3	77.3	77.3
. ≥ 1000	66.2	74.3	76.3	78.6	81.3	81.5	31.9	82.5	82.5	82.7	82.8	82.8	83.2	83.2	83.2	83.7
> 900	66.9	75.5	77.5	79.9	83.4	83.2	83.8	84.4	84.4	84.6	84.7	84.7	85.1	85.1	85.1	85.1
≥ 800	67.3	77.6	79.9	83.3	86.6	87.0	87.8	88.4	88.4	88.6	88.9	88.9	89.2	89.2	89.2	89.2
≥ 700	67.7	78.3	80.7	84.7	88.4	88.9	89.8	90.9	91.0	91.2	91.5	91.5	91.8	91.8	91.8	91.€
. ≥ 600	68.2	79.2	81.7	96.0	89.4	90.7	92.1	93.3	93.4	93.6	94.1	94.1	94.4	94.4	94.4	94.4
> 500	58.2	79.4	82.1	86.6	91.0	92.4	93.6	95.0	95.1	95.4	96.1	96.1	96.6	96.6	96.7	96.7
≥ 400	58.4	79.8	82.6	87.1	21.5	92.7	94.4	96.1	96.2	97.2	98.0	98.0	98.5	98.5	98.6	98.6
> 300	68.4	79.9	52.7	87.2	91.6	92.8	94.7	96.3	96.4	97.4	98.2	98.2	98.7	98.7	98.8	99.1
> 200	68.4	12.9	32.7	87.2	91.6				96.7		99.5	98.5	98.9	96.9	99.5	79.9
> 100		79.9														
> o	68.4		82.7			92.9			L.	1			98.9	98.9		100.0
-											-2.47.					

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 845\_

24292 COMBX RC DOT APT STATION NAME

<u>54-63</u>

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1701

							VISI	BILITY (ST	ATUTE MIL	.ES)						
CEILING (FEET)																
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	1 1/2	≥ 1 1/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	:		- · · · · · · · · · · · · · · · · · · ·			· - ·	1		·							
≥ 20000	25.4	24. 9	29.9	30.0	30.0	375	20.0	<b>3</b> 0 - 0	30.	30.6	<b>3</b> .1.6	30.0	30.3	3( 1	30.1	30.00
> 18000	29.6	30.0				30.1				30.1					30.3	
> 16000	30.3	30.9			31.	31.3			31.		31.0				31.1	
≥ 14000	31.3	31.9	31.9	32.	32.0		32.0	32.		32.0	32.0	32.0		32.2		
≧ 12000	34.8	35.3	_	35.5		35.5			4	35.5	- 1		15.6			35.7
≥ 10000	36.4	37.0		37.1			37.1			37.1		37.1		37.2		
≥ 9000	38.9				39.5					39.6						39.8
≥ 8000	42.2	43.0			43.6					43.6					43.7	43
≥ 7000	43.9	44.8	45.2	45.4	45.4				45.4					45.5	45.5	45.6
≥ 6000	44.7	45.7	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.5	46.5	46.6
≥ 5000	46.5	48.2	48.6	48.9	48.9	49-1	49.1	49.1	49.1	47.1	49.1	49.1	49.2	49.2	49.2	49.3
> 4500	47.3	49.2	49.5	49.9	50.0	50.1	50.1,	50.1	50.1,	50.1	50.1	50.1	50.2	50.2	50.2	50.4
2 4000	52.2	54.5	54.8	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.8
3500	55.2	57.7	58.0	58.5	59.	59-1	59.2	59.2	59-2	59.2	59.2	59.2	59.3	59.3	59.3	59.5.
≥ 3000	_ 1.1	64.4	65.2	66.0	66.5	66.7	66.8	66.8	66.8	66 - 8	66.8	66.8	66.9	66.9	66.9	57.
≥ 2500		67.5		69.3	69.9	70.0			70.1				70.2	70.2	7 ≎ • 2,	70.5,
: ≥ 2000	65.0	70.6	71.7	72.6	73.5	73.8		73.9		74.0		74.0	74.1	74.1	74.1	14.2
≥ 1800		71.0		73.3		74.7	I			75.1				75.2	-	
≥ 1500	66.9					78.4				78.7		78.7			78.8	
≥ 1200 ≥ 1000		74.5		- 1	80.6		-					81.3			31.4	- 1
i- i	,	77.7	30.3		85.1					86.5					86.9	
≥ 900		70.0				86.1	I	86.8		87.1						
_	7:-3		83.3	35.9	89.1	89.5		90.3		90.7					91.0	
≥ 700	1	80.9			90.7	91.1		72.6		92.9			1		93.3	
> 500	70.4		85.0	87.7		92.0	93.1	93.5		94.0					94.6	
! ≥ 400	70.4		85.3	88.3	92.4	93.0		95.9		96.6	- 1			97.3	97.3	
> 300		81.7 81.7	85.6 85.7	88.7				96.7		97.6		98.0		98.9	98.3	
≥ 200	70.6	81.7		88.8	93.3	93.9	96.3		97.3 97.3			98.6		1	99.2	
- ≥ 100		61.7							97.3							
[ ≥ 0	73.0			88.3	93.3										99.5	
-	4 W • O	1111	المصند	20 a 2:	ادورو	7.207	10.2	1193	1102:	14061	72.0	3 22.6 Q;	29.0	.e.u.e. z.	2.29.25	لتعذف مختمعه

TOTAL NUMBER OF OBSERVATIONS

346

1210WS FORM JUL 64 3-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGRY BUSINESS SYSTEMS

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE. N. C. 28801

### CEILING VERSUS VISIBILITY

24242 CORDX BC DOL AFT STATION NAME

54-63

1800-2 5

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY (STA	ATUTE MILI	ES)						
CEILING (FEET)	i	i	i	í												<u>-</u>
(,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	3.1 1/2	≥ 11/4	≥ 1	≥ 1/4	≥ 1/6	≥ V2	≥ 5/16	≧ ¼	≥ 0
 NO CEILING	1				:			ļ		1	1	•				
≥ 20000	31.7	32.7	32 7	32 7	12 7	35 7	12 7	35 7	32.7	33 7	32.7	32 c.	3.3 C.	33.0	, , , ,	33 :-
≥ 18000	31.7													33.0		
≥ 16000	31.7		32.7	32.7	32.7					32.7			33. J		33.0	
≥ 14000	32.3	33.8		33.8			33.8			33.8			34.2		34.2	
. ≥ 12000 :	35.6	36.6		,	36.7				36.9		,			37.3	37.3	
≥ 10000	38.2	39.5		39.8											40.2	
≥ 9000	39.6	41.1	41.2	41.4	41.				41.5	1	1			41.9	41.9	42.
≥ 8000	43.8	45.2	45.4	45.8	46.0	46.0	46.0	46.0	46.0	46.6	40.0	46.3	46.4	46.4	46.5	46.0
≥ 7000	45.8	47.2	47.5	47.8	48.0	48.0	48.0	48.	48.0	48.0	48.0	43.3	48.4	48.4	48.5	48.5
. ≥ 6000	47.1	48.9	49.1	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9	50.1	50.1	50.2	51.03
≥ 5000	49.6	51.5	52.1	52.4	52. T	52.7.	52.7	52.7	52.7.	52.7.	52.7	52.9	53.1	53.	53.1	53.3
≥ 4500	53.3	52.2	52.9	53.3	53.6	53.6	53.0	53.6	53.6.	53.6	53.6	53.8	54.0	54.0	54.1	54.6
≥ 4000	53.7	55.7		51.0	57.6	57.6.	57. <b>6</b> .	57.6.	57.6.	57.6.	57.6	57,9	<u>58</u> .€	58.0		<u>58.2</u>
≥ 3500 ≥ 3000	56.4	59.1	$oldsymbol{ iny 0.1}_{oldsymbol{eta}}$	60.7	61.3	61.3	51.3	51.3	61.3	61.3	61.3	61.5	61.7	61.7		61.4
	<b>60.</b>	64.3		66.4	67.U	67.U	67.2	67.2	67.2.	67.2	67.2	67.5	67.6			67.3
≥ 2500 ≥ 2000	61.4			68.9	69.4	69.6	69.3	69.8	69.8	69.3	59.8	70.1	70.2	7 . 2		70 . 4
· ·	62.7		70.5	71.7.	12.7.	72.7	72.9	12.7	72.9.	72.9	72.9	73.1	73.3	73.3		73.5
≥ 1800 ≥ 1500	63.0	69.5	70.9		73.1	73.1	73.4	13.4	73.4	73.4	73.4	73.6	73.7	1	73.8	
≥ 1200	64-1	73.1	74.8	76.2	164	11.5	11.3	11.0	11.8	77.8	(1,8	18-0	78.1	78.1		78.3
≥ 1000	65.7	1177	i	78.7		31.4	#1. F	61.7	3	81.7	51 - N		i	82.0	82.1	
i- > 900	66.4		85.0		85.4	02.9	46 · 4	200 6	80 - 4.	30.3	K. G	86.5		86.6	86.7	86.7
≥ 800	67.8	78.8	1		89.0			55.3	84.3	88.4		88.6 <sub>1</sub>		90.9		91.1
≥ 700		80.4			89 H	89.5.	49. B	71.2	91.2	71 - 2:	91.7		42.1		92.2	
≥ 600	68.2		83.9		90.9		12.2		92.5			93.3	- :			93.8
≥ 500		81.4			92.8				95.3						97.0	
≥ 400	68.4		1						96.3						98.8	
≥ 300	68.4								97.					99.4		
≥ 200		81.5							47.3.		98.6	99.1		99.8		,
≥ 100	58.4													99.8		
<u>`</u> ≥ 0	68.4													99.8		
•																

TOTAL NUMBER OF OBSERVATIONS

-845

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ILLIED/FGRY BUSINESS SYSTEM!

OATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28803

24792 COMEX SE DET API STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY (ST.	ATUTE MIL	ES)						
CEILING																
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	∷ 2	≟ 1 ½	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/0	≥ 1/2	≥ 5/16	≥ ¼	≥ o
NO CEILING									1		- 1			:	+	· ·
≥ 20000	33.6	35.0	35.0	35.0	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.5	35.5	35 . 5
≥ 18000	33.7		35.1			35.3		35.3		35.5	= ====+	35.5	35.5		35.6	
` ≥ 16000	33.7	35.1	35.1	35.1	25 2	25 3	35.3	35.3	35.3		35.5	35.5	35.5	1		35.6
≥ 14000	34.9			36.3	36.5	36.5	2 2 2		36.5			36.6	36.6	2232	36.8	36.6
₹ 12000	37.0	38-4		38.5	18.9		38.9	1		39.0	39.0	39.0	39.0	39.1	39.1	39.i
≥ 10000	39.2	40.8		40.9		41.3	41.3	,	41.3		41.5	41.5	41.5	41.6	41.6	41.6
≥ 9000	39.8	41.8		42.0			42.3			42.6	42.6		42.6	42.7		42.7
- 8000	45.0	47.3			47.8	47.8	47.8	47.8		48.0	48.0	48.0	48.0	48.1	48.1	48 - 1
7000	47.2	49.5				50.0	50.0		50.0	50.2	50.2			50.4		5 4
- 6000	48.8				51.7	51.7			51.7		51.9	51.9			52.0	52.
> 5000	56.6		53.3	53.4		53.8	53.8		53.8	54.0	54.0		54.0	54.1	- 1	54.1
> 4500		54.8		55.3		55.7	55.7		55.7		55.9			56.0	56.0	56.2
> 4000	55.	58.6	59.2			60.5	60.5		60.5	3	60.8	60.8	60.8	60.9	60.9	60.9
3500	57.1	60.2				62.8	62.8	62.8			63.0		63.0	63.1	63.1	63.1
3000	59.6			66.3	67.0	67.0	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.5	67.5	67.5
> 2500	61.9		69.3	70.6	71.6	71.6	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 2000	63.4	70.3	71.7	73.2	74.2	74.2	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.7	74.7	74.7
> 1800	63.5	70.7	72.1	73.5	74.6	74.6	74.7	74.7	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1
_ ≥ 1500	65.1	73.3	74.8	76.7	77.9	77.9	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.5	78.5	78.5
≥ 1200	66.2	75.9	78.3	80.3	81.6	81.6	91.8	81.8	81.8	82.2	82.4	82.4	82.4	82.5	82.5	82.5
≥ 1000	66.9	77.7	80.6	82.9	84.8	84.8	85.1	85.2	85.2	85.7	85.9	85.9	85.9	86.1	86.1	1.63
. ≥ 900	67.4	78.5	81.4	84.0	86.2	86.2	96.5	86.6	86.6				87.4	87.5	87.5	87.5
≥ 800	67.7	80.4	83.7	86.5	89.2	89.4	29.7	93.0	90.0	90.5	90.9		90.9	91.0	91.0	91.
≥ 700	68.1	81.0	84.6	87.7	90.4	90.5	91.3	91.5	91.5		92.6		92.7	1	92.8	92.8
≥ 600	56.3	81.4	85.2	88.3		91.5	92.3		92.8					94.8		
≥ 500	68.4	81.8	85.7	88.8		92.2			94.1	95.4	96.1	96.1	96.6	96.7	96.7	96.7
≥ 400	68.4			89.1	92.4	92.7	94.1		95.0		97.4		98.0	98.1	98.1	
≥ 300	68.4			89.2	i	93.3		95.5	95.7	97.3	98.1	98.1	98.8	98.9	98.9	98.9
≥ 200	68.4	81.8	86.2	89.4	93.1			95.7			98.3	98.3	99.2	99.4		
≥ 100	68.4				93.1							90.5				
≥ 0	68.4	81.8	86.2	89.4	93.1	93.4	94.8	95.7	96.0	97.5	98.5	98.5	29.3	99.5	99.9	00 e

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### CEILING VERSUS VISIBILITY

24232 COMUX BC DCI API 54-53
STATION NAME TERRS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

; CF	ILING							VISI	BILITY (ST	ATUTE MIL	ES)						
	FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	£ 1 ½	≥ 1 1/4	≥ 1	≥ ¼	≥ %	≥ 1/2	 ≥ 5/16	: ≥ ¼	≥ 0
NO	CEILING			;		. :		i	ĺ	•	1		;		:		
≥	20000	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5
ì	18000	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6
-	16000	43.9	44.5		44.5	44.5		44.5	44.5				44.5	44.6	44.6	44.6	
	14000	44.9			45.6		45.6					45.6		45.7		45.7	
<b>⊢</b>	12000	46.6	47.2				47.2			47.2		47.2			47.3	47.3	47.3
	10000	50.2	50.9	50.9				50.9				50.9		51.0		51.C	51.
	9000	51.8		52.5	52.5					52.5					52.6	52.6	
	8000	54.3	1		54.9	54.9			- 1	54.9	+		-		55.1	55.1	
	7000	56.3								57.3							
	6000	57.5				58.5				58.5						58.€	,
	5000				62.6					62.9							
	4500 4000	62.6			64.6											65.1	-
	- 1	66.3		68.8									69.2			69.4	
	3500 3000	67.8			- 1							70.9		71.0		71.C	- !
-		72.4								75.7		75.7			75.8	75.8	
	2500 2000	76.3		80.0		80.8			-	80.8		80.8				80.9	
i.		77.6		83.0								84.0			84.1	84.1	
	1800 1500	78.1	83.3	84.1		85.4	-	- 1	1	85.5		85.5			85.6		85.6
F-		80.1		87.7						89.9		89.9			90.0		90.
	1200 1000	30.5		89.5				1		92.0	,			92.4		92.4	92.4
 چ		81.2	89.7	90.5		93.2		93.3				93.8				93.9	93.9
< <	900 800	81.3	90.2	91.2						94.3					94.7	94.7	94.7
- <u>-</u> >		81.5		91.6							95.2				95.7	95.7	95.7
	700 600	81.8		92.4	94.1					95.9		96.2		96.5	96.6		96.6
· >	500	81.9		93.3 93.5		97.4	96.6			97.4				99.1	98.2	98.2	99.2
ج ج	400							98.2		98.4		98.8				99.7	99.7
, >	300	81.9	92.2	93.7 93.7		97.5				98.6	98.7		99.2	99.5	99.6		
, <del>, ,</del> ,	200	81.9		93.7					- 1		- 1					100.01	1
حا	100		92.2		95.6					98.7							
· -	0	31.9		93.7												LUG-01	
i.		( <u>. 1 • 3</u> )	16.6	729 (	. 7 J D	7 ( 2 2	71.07	70 • 4	70.	70.1	70 . 7	77.0	7 . 0	77.0	77.74	rana ok	<u> </u>

TOTAL NUMBER OF OBSERVATIONS 930

24792 COMBX SC DET APT STATION NAME

54-63 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2.300+050: Haurs (6.5.7.)

CEILING	and the first of the contract															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ½	> 2	≥ 1 1/2	≥ 1%	≥ լ	≥ ¾	≥ 3/0	≥ ½	≥ 5/16	 ≥ ¼	 ≥ o .
NO CEILING				;		•								4	{	
≥ 20000	37.4	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 18000	37.7			38.5	38.7			38.7		38.7	38.7	38.7	38.7	38.7	38.7	39.7
≥ 16000	38.1	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.€	39.0	39.0	39.0	39.0	39.0	39.0	39
≥ 14000	38.8	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.6
≥ 12000	41.1	41.8	41.8	41.8	42.0	42.0	42.0	42.C	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.C
≥ 10000	44.8	45.7	45.7	45.7	46.0	46.0	46.0		46.0		46.0	46.0	46.0			46 -
≥ 9000	46.3		47.2	47.2		47.5	47.5		47.5				47.5			47.5
≥ 8000	50.3		51.3	51.3	- 1		-	51.6		- :	51.6					51.6
≥ 7000	53.0	3.4	54.0		54.3				54.3			54.3				54.3
≥ 6000	53.8	i I	1	- 1	55.3			55.3			55.3		55.3	55.3	ı L	55.2
≥ 5000	27.6				59.1				59.1				59.1			59.1
≥ 4500	60.1			61.5	61.8						61.8	i i				61.8
H	64.0			66.1	66.5				66.5							66.5
≥ 3500	65.8			68.5	68.8	- 1					1		1	68.8		68 - 3
≥ 2500	70.0				74.0				74.0				74.0	74.0		74. 78.5
≥ 2000	72.9			78.4	78.8	- 1	81.5		78.8 81.5					78.8 81.5		81.5
≥ 1800	74.9		7 7. 2	81.1	81.5		83.2		83.2		81.5 83.2	81.5	83.2	83.2		83.2
≥ 1500	77.3			86.1	86.9			87.2	1		87.2		87.2	87.2	_	87.2
≥ 1200	79.6			90.5	91.4			91.8						91.8		91.8
≥ 1000	80.1	89.5		92.5	93.7		93.9			- 1			94.2	94.2		94.2
> 900	80.2			92.9	94.2		94.5					94.9	94.9			94.9
≥ 800	80.5			93.8	95.2		95.8	ı					96.2	96.2	1	96.2
. ≥ 700	80.9			94.7	96.3	96.6	97.0			97.4			97.4	97.4		97.4
≥ 600	81.0			95.2	96.9		97.5	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 500	81.0		93.2	95.2	97.1	97.3			98.6				99.2	99.2	99.2	99.2
ຼ່≥ 400	81.0	91.5	93.2	95.2	97.1	97.3	98.2	98.6	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2
≥ 300	81.0	91.5	93.2	95.2	97.1	97.3	98.5	98.9	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7
≥ 200	81.0	91.5	93.3	95.3	97.2	97.4	98.6	99.0	99.0	99.5	99.6	99.7	99.9	99.9	97.9	99.9
≥ 100	81.0	91.5	93.3	95.3	97.2	97.4	98.6								99.9	
. ≥ 0	81.	91.5	93.3	95.3	97.2	97.4	98.6	99.0	99.0	99.5	99.6	99.7	99.9	99.9	100.0	LOC.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-080

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	 								ATUTE MIL							
CEILING							VIS	IBILITY (SI	AIUIE MIL	.1:5)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	i	×	≥ 1 '		~	~ ·.		_	
	_ 10	_ 0	- 3	<b>= 4</b>	_ 3	= 2 1/2	= 2	= 1 ½	≥ 1 1/4	< 1	≥ 3/4	≥ %	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING		iii	·	_	1							,	•			
≥ 20000	32.4	32.5	32.5	32.6	32.7	32.7	32.7	32-7	32.7	32.7	32.8	32.8	32.8	32.8	32.9	33.
≥ 18000	32.7		32.8		33.0						33.1					33.3
≥ 16000	33.2		33.3		1	33.7			33.7			33.8	33.8			34.
<u>≥ 14000</u>	34.7					35.2	-		35.2		35.3		35.3			35.5
≥ 12000	38.0		38.1				38.5	-	38.5				38.6	38.6	38.7	38.0
≥ 10000	42.5							43.2	43.2				43.3		43.4	43.5
≥ 9000	44.6		44.9		45.4					45.4			45.5	45.5		45.7
≥ 8000	48.5								49.5	49.5			49.6	49.6		49.5
≥ 7000	50.6	51.1	51.2	51.5		1		51.7	51.7		51.8		51.8	,	1	
> 6000	51.5	52.0	52.2	52.5					52.7	52.7		52.8	52.8			53.
> 5000	54.6				55.9							56.1	56.1	56.1	56.2	56.3
₹ 4500	55.5				57.1		57.2		57.2				57.3		57.4	
≥ 4000	60.5				62.3						62.6		62.6	62.6	62.7	62.8
3500	62.3	63.7	63.9			64.6			64.7	64.8		64.9		64.9	65.1	65.2
≥ 3000	68.2	70.4	71.0	71.6	72.2	72.3		72.5				72.7	72.7	72.7	72.8	72.9
- > 2500	71.6	74.1				76.2		76.5		76.6		76.7		76.7	76.8	76.9
≥ 2000	73.8	77.G	77.5	78.5	79.0	79.1	79.5	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	80.0
> 1800	73.8	77.4	78.0	78.9	79.5	79.6	79.9	79.9	79.9	80.0	80.1	80.1	80.2	80.2	80.3	80.4
≥ 1500	75.3	79.9	80.8	81.9	82.5	82.6	83.0	83.2	83.2	83.3	83.4	83.4	83.7	83.7	83.8	83.9
≥ 1200	76.7	82.7	83.8	85.2	85.9	86.0	86.5	86.7	86.7	86.9	87.0	87.0	87.2	87.2	87.3	87.4
≥ 1000	76.9	83.9	85.4	86.9	88.0	88.2	89.2	89.5	89.5	89.7	89.8	89.8	90.0	90.1	90.2	90.3
> 900	77.2	84.5	86.3	87.8	89.0	89.2	90.5	91.0	91.0	91.2	91.3	91.3	91.5	91.6	91.7	91.8
≥ 800	77.7	86.1	88,1	89.7	90.9	91.4	92.7	93.4	93.4	93.7	93.8	93.8	94.6	94.1	94.2	94.3
≥ 700	78.C	86.7	88.7	90.4	91.7	92.3	93.7	94.4	94.4	94.6	94.7	94.7	94.9	95.1	95.2	95.3
≥ 600	78.0	87.0	89.0	91.0	92.4	92.9	94.5	95.3	95.3	95.7	95.9	95.9	96.2	96.3	96.5	96.6
≥ 500	. 3.1	87.4	89.6	91.7	93.5	94.1	95.9	96.9	96.9	97.6	98.0	98.0	98.5	98.6	98.7	98.8
≥ 400	78.1	87.4	89.6	91.7	93.5	94.1	95.9	96.9	96.9	97.8	98.4	98.4	98.9	99.0	99.1	99.2
≥ 300	78.1				93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	99.9
_≥ 200	78.1	87.4	89.6	91.7	93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	L00.5
≥ 100	78.1	87.4	89.6	91.7	93.7							98.9	99.5	99.6	99.8	100.1
≥ 0	78.1	87.4	89.6	91.7	93.7	94.2	96.3	97.4	97.4	98.4	98.9	98.9	99.5	99.6	99.8	100.

54-53

TOTAL NUMBER OF OBSERVATIONS 930

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

24292 COMOX AC DOL AP1 STATION NAME

54-63

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### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.900-1100 Hours (CST)

			_													
CEILING							V151	BICHY (SI)	ATUTE MIL	ES)						
(FEET)	. 1				!			I						•		
1	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	2 1/2	. 2	= 1 1/2	≥ 11/4	≥ 1	≥ 1/4	≥ %	≥ 1/2	= 5/16	≥ ¼	≥ 0
NO CEILING	- †	1				-					}					
≥ 20000	٠. ا	35 3	35 3	36	36	25 2	36 3	25 2	25 3	26 3	25 2	25 2	25 2	25 7	2 6 2	2 - 1
—	34.0					35.3				35.3				35.3		
≥ 18000	34.5		35.7							35.8	1	1	35.8			
+	34.8		36.1		36.2	36.2		36.2			36.2	36.2	36.2		36.2	
≥ 14000	35.7		37.3	37.1			37.1		- 1	37.1	37.1	37.1	37.1		37.1	37.2
≥ 12000	38.0	39.2	39.2	39.4	39.4	39.4	39,4	39.4			39.4			39.4	39.4	39.5
≥ 10000	43.7		45.3		45.4	45.4		45.4		45.4	45.4	45.4	45.4		45.4	45.5
≥ 9000	46.3			48.1	48.1	48.1		48.1			48.1		48.1		48-1	48.2
≥ 8000	49.4	51.0	51.2	51.3	51.3	51.3	51.3		51.3		51.3	51.3	51.3		51.3	51.4
≥ 7000	56.9	52.7	52.9	53.0	53.0	53.0	53.0				53.0	53.0	53.0	53.0	<u>53.9</u>	53.1
≥ 6000	51.3	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
≥ 5000	53.7	55.7	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56-2	56.2	56.2	56.2	56.2	56.3
≥ 4500	54.8	57.	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 4000	57.6	60.6	61.0	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 3500	60.1	63.4	63.8	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.
≥ 3000	66.5	71.1	71.5	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 2500	69.9	74.9	75.4	75.8	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 2000	73.5	78.7	79.2	79.7	79.9	80.5	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
- ≥ 1800	74.0	79.1	79.7	80.2	80.4	80.5	80.9	80.9	80.9	81.0	81.0	81.0	51.0	81.0	81.0	81.1
≥ 1500	75.2	80.9	81.6		82.7	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4
≥ 1200	76.6	82.6	63.4	84.5	84.9	85.1		85.5			85.6	85.6	85.6	85.6	85.6	85.1
≥ 1000	77.1		85.4	86.6	87.5	87.6	88.3	88.4	88.4	88.6	88.7	88.7	88.7	88.7	98.7	88.89
> 900	77.1		85.6	86.8	87.8	88.0	88.6	88.7	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.4
≥ 800	77.7				90.0	96.3	91.4		91.7	- 1	92.4		92.5	92.5	92.5	92.6
≥ 700	78.0	86.2			91.2	91.6		93.5	93.5	94.0			94.6	94.6	94.6	94.7
≥ 600	78.0	86.3			92.0	92.5				95.8					96.7	96.9
<sup></sup> ≥ 500	78.1	86.8			93.0			96.7		98.0			99.C		99.2	
≥ 400	78.1	86.9		91.4	93.2				96.9		98.6		99.2			
≥ 300	78.1	86.9								98.4					99.9	
≥ 200	78.1	1			93.2					98.4			1		99.9	- 1
_ ≥ 0		86.9		91.4											99.9	
≥ 0	78.1		87.5		93.2		26.3				98.8	99.0	99.5	1	40.0	3
'	I Da L	. QQ. Y	D 1.2	71.54	ZALE	72.4 []	70.3	21.01	7194	- 70 a 91	. 20.0	270	1791	17.0	. Z Z 2 ZV	¥ 4 9

TOTAL NUMBER OF OBSERVATIONS 930

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGRY BUSINESS SYSTI

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24292 CUMUX BC DOT APT 54-63

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES}						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓2	≥ 2	≥ 1 ½	≥ 11/4	≥ 1	≥ 3/4	≥ 5/0	≥ 1/2	± 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	36.5	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000 ≥ 16000	36.9 37.1	37.7		38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000 ≥ 12000	38.5	39.4	39.8	39.8	39. მ	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39. c
≥ 10000	40.5	45.3	41.8 45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	41.8 45.8	45.5
≥ 9000 ≥ 8000	47.1 51.8	48.1 53.2	48.5 53.7												48.6 54.0	
≥ 7000	53.7 54.1		55.8 56.2			56.1			56.1 56.6				56.1 56.6		56.1 56.6	
≥ 5000 ≥ 4500		58.6	59.2	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	<u> 59. 7</u>	59.7	59.7	59.7
≥ 4000	62.2	64.6	65.4	65.5	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.7
> 3500 ≥ 3000	64.6 70.9	74.3		75.3	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	68.4 75.8	75.8
≥ 2500 ≥ 2000	74.4 17.2		79.6 82.9												80.9 84.5	
≥ 1800 ≥ 1500			83.2 85.1												85.2 87.6	
≥ 1200 ≥ 1000		85.6	86.5	87.6	88.5	89.1	89.5	89.6	89.6 91.1	89.7	89.7	89.7	89.7	89.7	89.7 91.4	89.7
≥ 900 ≥ 800	79.9	86.3	87.5	88.9	90.0	90.8	91.3	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700 ≥ 600	80.3		89.6	91.6	93.5	94.4	95.7	96.2	95.4 96.2	96.7	97.1	97.1	97.1	97.1	95.8 97.1	97.1
≥ 500	80.4		90.1		94.2										98.6	
≥ 400			90.3						97.7 98.1						99.7	
≥ 200 ≥ 100	80.4	88.6	90.3	92.4	94.4	95.4	97.2	98.1	98.1	99.0	99.7	99.7	100.0	100.0	100.C	100.0
≥ 0	8C.4							98.1		1		l l			00.0	

TOTAL NUMBER OF OBSERVATIONS 936

24292 COMOX PC BOT API 54-63

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 500-1700

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ½	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	37.6	38.1	38.3	38.3	38.3	36.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 18000 ≥ 16000	38.0 38.7	38 • 6 39 • 2		38.7 39.3	38.7 39.3	38.7	38.7 39.3	38.7	38.7 39.3	38.7	38.7			38.7	38.7	38.7 39.3
≥ 14000 ≥ 12000	40.4	40.9		41.1 43.0	41.1	41-1	41.1		41.1 43.0	41.1	41.1	41.1	41.1		41.1 43.0	41.1
≥ 10000 ≥ 9000	46.2 49.2	47.0 50.2		47.1 50.4	47.1 50.4	47.1 50.4	47.1 50.4		47.1 50.4	47.1 50.4	47.1 50.4	47.1	47.1		47.1 50.4	47.1
≥ 8000 ≥ 7000	54.6 56.0	55.7 57.4		56.0 58.2	56.3 58.4	56.3 58.4	56.3 58.4	56.3 58.4	56.3 58.4	56.3 58.4	56.3 58.4	56.3 58.4	56.3 58.4		56.3 58.4	56.3 58.4
≥ 6000 ≥ 5000	56.9 59.4	58.4 61.1	58.8 61.5	59.3 62.0	59.5 62.2	59.5 62.2	59.5 62.2	59.5 62.2	59.5 62.2	59.5 62.2	59.5 62.2	59.5 62.2	59.5 62.2	1 1	59.5 52.2	59.5 62.2
≥ 4500 ≥ 4000	61.4 65.1	63.3 66.9	63.7 67.3	64.1 67.9	64.3 68.2	64.3 68.2	64.3 68.3	64.3 68.3	64.3	64.3 68.3	64.3 68.3	64.3	64.3 68.3		64.3 68.3	64.3 68.3
≥ 3500 ≥ 3000	66.7 73.2	69.0 76.3		70.0 77.5	70.4 78.0		70.5 78.1	70.5 78.1	70.5 78.1	70.5 78.1	70.5 78.1	70.5 78.1	70.5 78.1	70.5 78.1	70.5 78.1	70.5 78.1
≥ 2500 ≥ 2000	76.6 78.7	80.6 83.8		81.8 85.2	82.3 86.0		82.4	82.4 86.3	82.4 86.3	82.4 86.3	82.4 86.3	82.4	82.4		82.4	82.4 86.3
≥ 1800 ≥ 1500	78•7 79•7	84.2 86.1	84.7	85.6 87.5	86.3 88.4	86.4 88.5	86.7 88.9	86.7 89.0	86.7	86.7	86.7 89.1	86.7	86.7 89.1	86.7 89.1	86.7	86.7
≥ 1200 ≥ 1000	80 - 3 80 - 3	87.4 87.6	88.1	88.9	89.8 96.1	90.2	90.6	90.4	90.4 90.8	90.5	90.5	90.5	90.5 91.2	90.5 91.2	90.5 91.2	90.5
≥ 900	80.5	87.8 89.1	89.9	89.5 91.3	90.5 92.9	90.6 93.2	91.1 94.4	91.3 94.8	91.3	91.6 95.2	91.6 95.2	91.6 95.2	91.6 95.2	95.2	91.6 95.2	91.6
≥ 700 ≥ 600	81.6 81.6	89.4 89.5	90.3	91.6 91.7	93.3 94.2	93.6	95.0 96.0	95.5 96.7	95.5 96.7	95.8 97.1	95.8 97.3	95.8	96.0 97.5	97.5	96.0 97.5	96.0
≥ 500 ≥ 400 ≥ 300	81.6 81.6	89.7 89.7	90.4	91.8	94.6	95.5	97.2 97.2	98.1 98.2	98.1	98.7	98.9	99.4	99.1		99.7	
≥ 200 ≥ 100	81.6	89.7 89.7		91.8 91.8	94.4	95.5	97.2 97.2		98.3	99.1	99.5		100.6	10C.0	100.01	100.0
≥ 0	81.6	89.7 89.7	90.4 90.4	91.8 91.8	94.6	95.5 95.5	97.2 97.2	98.3 98.3	98.3 98.3	99.1	99.5 99.5		100.0		100.01	100

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28891

24292 COMUX DC DOT APT 54-63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1890~200 HOURS (L S.T.)

CEILING	ŀ						VIS	BILITY (ST	ATUTE MII	.ES)						1
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	21%	≥11/4	≥ 1	≥ ¾	≥ %	≥ γ₂	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	42.2	42.3	62.2	43.3		42 2	4 6 4	42.4	42.6	42.4	62.6	ا د ۸	42.4	62.6		42.4
≥ 18000		42.4						42.6								
≥ 16000		42.5		42.5	1			42.7			42.7					1
≥ 14000	44.0							44.2			44.2					
≥ 12000	45.4				1		,	45.6						,		1
≥ 10000	48.5			48.5				48.8								
≥ 9000	1	50.5		50.5	- 1	- 1	. ,	50.7		1	I			50.7		56 . 7
≥ 8000	57.0			57.7				57.9						57.9		57.9
• ≥ 7000	58.9	60.1	60.3	60.3	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	60.2	61.5	61.8	61.8	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.
≥ 5000	63.5	65.0	65.4	65.4	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 4500	64.9	66.5	66.8	66.8	67.0	67.1	67.3	67.3					67.3		67.3	67.3
· ≥ 4000 	66.7	68.5	68.8	68.8	69.0	69.1	69.4	69.4	69.4		69.4	69.4	69.4	69.4	69.4	69.4
≥ 3500	68.2	70.4	70.8	71.0				71.5	71.5			71.5			71.5	71.5
_ ≥ 3000	71.7				75.5			75.9								
≥ 2500	75.6	80.4						82.4	1	82.5		82.5			82.5	
≥ 2000	78.5			85.5	86.2			86.7							86.8	
≥ 1800 ≥ 1500	79.1			86.5		87.3		87.7	-	87.8	- 1				87.8	
<b>→</b> · ·	80.3				89.5			90.1		90.2			90.2			90.2
≥ 1200	80.4			39.9				91.6		91.7		91.7			91.7	91.7
≥ 900	80.4			90.9		92.7		93.4		93.6		93.6		93.6	93.6	93.6
≥ 800	80.6		90.7	91.8				94.5	96.2		94.7			96.4		
≥ 700	81.2				95.0 95.8			97.3			97.5		91.	27.5		
≥ 600	81.2	1	92.8		96.0			98.2						98.5		98.5
≥ 500	81.2							99.1						99.6		99.6
≥ 400	81.2				96.8			99.2								1
≥ 300	81.2							99.2								
≥ 200		91.0														
≥ 100		91.0						99.2								
_ ≥ 0	81.2	91.0	93.0					99.2								

TOTAL NUMBER OF OBSERVATIONS

24292 CRMOX BC DOL API STATION NAME

54-63

MAR

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2101-2301

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ ¾	≥ 5/6	≥ y,	≥ 5/16	≥ ¼	≥ 0
NO CEILING							i					:				
≥ 20000	44.1	44.5	44.5	44.6	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.9
≥ 18000	44.2	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.
16000	44.2	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.
≥ 14000	44.6	44.9	44.9	45.0	45.0	45.4	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45. 7
≥ 12000	46.7	47.0	47.0	47.1	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.5
≥ 10000	49.4	49.7	49.7	49.8	49.3	49.8	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50 . Z
≥ 9000	51.7	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5
≥ 8000	56.9	57.7	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 7000	59.4	60.7	61.0	61.1	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 6000	60.3	61.6	61.9	62.1	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.0
≥ 5000	63.7	65.4	65.8	66.0	66.2	66.2	66.3	66.3	66.3	66.4	56.4	66.4	66.4	66.4	56.4	66.5
≥ 4500	64.6	66.3	66.6	66.8	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
≥ 4000	68.6	70.8	71.2	71.4	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9
> 3500	71.3	73.8	74.2	74.4	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 3000	73.8	77.2	77.5	77.9	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 2500	77.4	81.7	82.5	83.2	83.5	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	54.1
≥ 2000	79.0	84.3	85.4	86.1	86.4	86.4	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 1800	79.5	85.1	86.3	87.1	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.1
≥ 1500	80.6	86.8	88.1	89.1	89.6	89.6	89.9	89.9	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1200	80.8	87.2	88.8	90.0	90.5	90.6	71.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	71.3	91.4
≥ 1000	81.3	88.2	89.8	91.4	22.1	92.2	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.0
≥ 900	81.4	86.8	40.7	92.5	93.5	93.6	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4
_ ≥ 800	81.7	89.8	91.8	93.6	94.8	94.9	75.4	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.8
≥ 700	81.9	90.3	92.6	94.6	95.8	95.9	96.6	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	97.0
≥ 600	81.9	90.7	93.1	95.3	96.8	96.9	97.6	97.6	97.6	97.7	98.0	95.C	98.0	98.0	98.0	98.1
<b>≥</b> 500	82.0	91.0	73.4	95.7	97.3	97.4	98.3	78.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.9
≥ 400	82.0	91.1	43.8	96.1	97.7	97.8	98.7	98.9	98.9	99.2	99.5	99.5	99.6	95.6	99.6	99.7
≥ 300	82.5	91.1	93.8	96.1	97.7	97.8	98.8	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.6
≥ 200	82.5	91.1	93.8	96.1	97.7	97.8	98.8	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.
≥ 100	82.0	91.1	93.8	96.1	97.7	97.8	98.8	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0
_≥ 0	82.0	91.1	93.8	96.1	97.7	97.8	98.8	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.

TOTAL NUMBER OF OBSERVATIONS

929

1210WS JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FGRY BUSINFS SYSTEMS

24292 CUMOX EC DOT APT STATION NAME

54-63

APR ....

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3006-025.

							V!SI	BILITY IST	ATUTE MIL	ES)						_
CEILING			,													
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	> 2 %	* 2	> 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/6	≥ y₂	≥ 5/16	≥ ¼	≥ 0
		†								4						
NO CEILING		·	İ	1			1			į	ļ			į	i	1
> 20000	5002	50.2	50.2	51.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	5C.3	50.3	50.3	50 - 3
≥ 18000	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	56.3	50.3	50.3	50.3	50.3	50.0
≥ 16000	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	56.3	50.3	50.3	50.3	50 . J
≥ 14000	52.0	52.0	52.0	52.	52.	52-1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.6	53.8	53.8	53.6
≥ 10000	57.3	57.6	57.6	57.6	57.6	57.7	57 <b>.</b> 7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	59.0	59.2	59.2	59.2	53.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 8000	64.2	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64-8	64.8	64.8	64.B
≥ 7000	67.0	67.4	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	57.8	67.3
≥ 6000	58.4	68.9	69.1	69.1	69.1	69.2	69.2	59.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	74.9	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	77.2	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	73.1	78.1
≥ 4000	80.4	81.7	61.9	81.9	81.9	82.0	82.C	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82
> 3500	81.7	8.5.4	83.7	83.7	83.7	83.8	83.8	83.9		83.8	83.8	83.8	83.8	83.8	83.8	83.R
≥ 3000	84.1	86.3	86.6	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0		87.0		87.0	67.0
≥ 2500	85.3	88.6	88.9	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	39.3
≥ 2000	86.8	90.7	91.1	91.2	91.4	91.6	41.6	91.6	91.6	91.6	91.6		91.6	91.6	91.6	91.0
≥ 1800	86.8	90.7	91.3	91.4	91.7	91.8	91.8	91.8	91.8				91.8	91.8	91.8	91.8
≥ 1500	87.9	92.7	93.3	93.6	93.8	93.9	93.9		93.9	93.9		93.9	93.9	93.9	93.9	93. 4
₫ ≥ 1200	88.2	93.9	94.8	95.0	95.2		95.3	95.3		95.3			95.3	95.3	95.3	45.3
≥ 1000	88.9	95.1	96.0	96.4		96.8	96.8			96.8		96.8	96.8		96.8	96.3
≥ 900	89.2			97.3	97.6	97.7	97.7	97.7		97.7		- 1	97.7		97.7	97.7
. ≥ 800	89.4	96.2			97.8							97.9		97.9	97.9	97.5
≥ 700	89.5			98.3	98.6		98.7	98.7			,	98.7	98.7	1	98.7	
≥ 600	89.9			98.9	99.2		99.3	99.3		99.3		99.3	99.3			95.3
≥ 500	90.0			79.1	99.4		99.7		99.7			99.7	99.7		29.7	
≥ 400_	90.0			99.2	99.6				99.8				99.8		99.8	
≥ 300	30.0	1		99.2	99.7		-					100.0				1
≥ 200	90.0			99.2	99.7							10 . 0				
≥ 100		97.3		99.2		99.						100.0	- 1	را، د	100.01	• •
≥ 0	90.0	97.3	98.6	99.2	99.7	99.8	100 - C	130.3	100.0	100-0	100-C	<b>T</b> 5 6 • 57	<u>t ⊙</u> 0 • 0	100 - C	roc-di	<u> </u>

TOTAL NUMBER OF OBSERVATIONS 900

24.02 CCMOX BC UDT API STATION STATION NAME

54-63

до д монтн

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3310-051

							1/151	DILITY /ST	ATUTE MIL	ESI						
CEILING							¥+31	וייטים	AIOIL MIL	F31						
(FEET)	≥ 10	<u>.</u>	≥ 5	1	!	× a.			S							
*	= 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ½	< 11/4	≥1	≥ 3/4	≥ 5/6	: 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING			1	· · j	j	•			!	•	1				- 1	
~ 20000	44.0	44. 0	44.9	44 0	45 0	48 6	15 0	45 5	45 0	45 0	45 1	45 1	45 2	45 2		45.
* ≥ 18000	44.6				45.				45.0							
16000	44.6	_	1 .		45.0	45.0		- 1	-							45.2
> 14000	45.9			46.2		46.3				46.3		46.4				46.0
7 12000	48.7			49.1	49.2	49.2				49.2	49.3	49.3				49 4
≥ 10000	53.2		,,	53.7	53.8	53.8						53.9			54.0	
≥ 9000	54.6		55.0	55.0		55.1				55.1		55.2	-		55.3	
- 8000	59.3			59.8								67.0		6 . 1	ź-1	
≥ 7000	61.4		1	61.9	1	62.0		;	1			62.1		62.2	62.2	
	63.0			63.6		63.7	+					63.8			53.9	
> 5000	69.3			70.3	1							70.7	70.8	i	- 1	76.8
⊱ ≩ 4500	71.2								72.8		72.9		73.	73.	7 3	
> 4000	75.7		, ,			,						77.7		77.8	:	77.
> 3500	78.6				80.8						87.0	81.0	31.1	4		91.
≥ 3000	82.0		t .	- 1	84.6				84.7		84.8	84.8		84.9		64 - 5
≥ 2500	53.2				86.8						87.6	87.0		87.1		87.1
≥ 2000	84.0				88.3				88.4			88.6			88.7	
1 > 1800	84.7				89.2				89.3			89.4		89.6		89.5
≥ 1500	86.	89.3				91.1						1		91.4		21.4
≥ 1200	86.6				92.3							92.7		92.8	92.8	92.3
≥ 1000	87.0	91.8	92.8			93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	34.2	34.
> 900	87.2	92.3	93.7	93.9	34.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	35 - 1
≥ 800	87.9	93.4	95.0	95.3	96.1	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.0	96.6	96.6	96 . 6
> 700	38.2	94.3	95.6	95.9	96.7				96.9		97.0	97.0	97.1	97.1	97.1	97.1
≥ 600	88.7	94.8	96.4	96.8	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98
≥ 500	88.8	95.1	96.9	97.4	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	96.8	98.8	90.
≥ 400	88.9	95.3	97.1	97.9	98.8	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.5
> 300	88.9	95.4	97.2	98.0	98.9	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	39.4	99.4
_ ≥ 200	88.9	95.4	97.2	99.0	98.9	98.9	29.2	99.2	99.2	99.3	99.4	99.6	99.9	99.9	99.9	00.
≥ 100	88.9	95.4	97.2			98.9								100.0		100.
_ ≥ 0	S8.9	95.4	97.2	98.0	98.9	98.9	99.2	19.2	99.2	99.3	99.4	99.6	100-0	100-0	135.0	1 }

TOTAL NUMBER OF OBSERVATIONS

a.1.1

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

S SYCIFES

24252 STATION IGA LUC DA XORGO

54-63

MONTH -

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0201

	principal de la companya de la companya de la companya de la companya de la companya de la companya de la comp															
CEILING (FEET)	:	i	. 1											1		
Tree!	> 10	≥ 6	≥ 5	≥ 4	≥ 3	2 2 1/2	≥ 2 .	211/2	≥1%	≥ 1	≥ ¾	≥ 5/0	∴ ½	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	: :	i	1		•	-	į	— <del>j</del>	•		1	+			j	
20000	43.9	44.2	44.4	44.4	44 9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.
- 18000	44.	44.3	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
16000	44.4	44.8	45.0	45.0	45 · i	45.1	45	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 14000	45.5	45.9	46.1	46.1	46.2	46.21			46.2		46.2	46.2	46.2	46.2	46.2	46.2
≥ 12000	48.2	48.6	48.8	48.8	48.9	48.9	48.9	48.9	48.9			48.9	48.9	48.9	48.9	48.4
≥ 10000	53.5	53.8				54.1	54.1		54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
· 9000	55.5	55.9	56.1	56.3	56.5	56.5	56.5	- 1	56.5		56.5	56.5	56.5	56.5	56.5	56.5
2 8000	59.7	60.4		60.8	60.9		60.9	60.9	60.9					60.9	50.9	60.5
≥ 7000	61.4	62.5				63.0	63.0						63.0	63.0	63.0	63.
≥ 6000	62.6	64.0	64.3	64.5	64.6	64.6	64.6	64.6	£4.6	64.6	64.6	64.6	64.6	64.6	54.6	54.6
≥ 5000	65.6	67.8	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.
≥ 4500	66.9	69.3	69.7	69.9	70.0	70.0	70.0	70.3	70.0	70.0	70.0	70.0	79.0	70.0	70.0	70.0
> 4000	12.5	75.5	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
~ 3500	74.7	77.7	78.4	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
∴ ≥ 3000	78.0	81.5	82.2	52.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	85.1	83.1	<u>e3.1</u>
> 2500	79.4	83.3	84.0	84.7	85	85.0	85.0	85.0	85.0	85.0	85.C	85.4	85.4	85.4	85.0	85.0
≥ 2000	80.4	84.7	85.5	86.4	86.6	86.7	36.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
> 1800	80.7	85.1	85.9	86.7	87.9	87.1	87.1		87.2			87.2	87.2	87.2	87.2	87.2
≥ 1500	82.1	<u> </u>	87.8	88.0	89.1	89.2	89.3			89.4		89.4	89.4	89.4	89.4	29.4
. ≥ 1200	82.5	88.2	89.1	90.5	91.0	91.1	91.2	- 1	91.3			91.3	91.3	91.3	91.3	91.3
	82.6			92.2	93.1	93.2	73.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.
≥ 900 ≥ 800	37.7		90.8	92.5		93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.
+ - 555	83.2					1			95.2		95.3	95.3	95. 2	95.3	95.3	95.4
′≥ 700 ∣≥ 600	83.2	89.9		93.7	95.1	95.3	75.7	95.8	95.8	1	- 1			95.9		
h	83.5			94.5				96.9		96.9				97.1	97.1	37.2
> 500 ≥ 400	83.6		-	95.2	- 1	97.6		98.3		98.3			98.6		98.6	
H-	84.0		93.5			98.2				99.2			.99.4	99.4		99.0
≥ 300 ≥ 200	84.0	91.3		95.9						99.3					94.6	
	84.0		33.7	95.9						99.4				99.7		<u> 39 -</u> 티
≥ 100 ≥ 0	84.0	91.3			98.0				L L						99.8	
- v	84.0	91.3	93.7	95.2	28.0	98.3	36.9	77.7	77.3	99.4	77.0	A.A. 0.	77.11	44 * 1;	77.0	1

TOTAL NUMBER OF OBSERVATIONS

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24292 COMUX BC ECI API STATION NAME

### CEILING VERSUS VISIBILITY

54-63 YEARS PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900 - 110 -

... سياف

							VISI	BILITY (STA	ATUTE MILE	ES)						
CEIL!NG			,													
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	* 2	- 1 ½	≥ 1 1/4	# 1	2 3/4 · 1	≥ %	· 1/2	₹ 5/16	> 1/4	≥ 0
NO CEILING						•										
≥ 20000		44 4	46.8	1.7	47	47 -	4.7 A	4.7	47 C	47 0	67 5	67 5	47 0	4.7	47.	6.7
> 18000															47.2	
00001 ≦																
i— ≥ 14000															47.8	
≥ 12000	48.1														48.9	
- ≥ 10000	1													51.2		
≥ 9000	55.6														56.8	
≥ 9000	58-1														5 2 2	
≥ 7000	1														67.7	
+· · · · · · · · · · · · · · · · ·	64.										,				55.4	
	1	,											66.4	66.4	66.4	
-			69.4						72±0.		_ ~ - • •	7C•C	70.C	70.0	_7 ?.• ?∖	
≥ 4500									71.2				71.2	71.2		71 - "
≥ 4000 ←	72.7	75.2							7.5 • 9.							
3500	75.8												79.6	79.6	79.5	9
<b>≥</b> 3000	80.0	83.8	83.8	84.3	84.6	84.6	34.7	84.8	84.8	84.8	84.8	84.8	84.8	84. b	34.8	84.
≥ 2500	81.6	85.9	86.0	86.6	86.8	86.8	86.9	87.	87.0	87.0	87.0	87.0	87.0	87.0	87.	37.
≥ 2000	83.3	87.9	88.1	88.7	89.1	89.1	59.2	39.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.
> 1800	93.4	88.3	38.7	89.2	89.7	89.7	89.5	89.9	69.9	89.9	89.9	89.9	89.9	89.9	19.9	89.0
≥ 1500	84.3	90.0	90.3	51.1	91.6	21.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	11.8	11.1
≥ 1200	85.0	91.2	91.6	92.6	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	13.2	93.3
- 1000	85.4	92.3	92.9	93.9	94.4	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94. )
> 200															95.6	
. 800	86.1														36.8	
. • • • • • • • • • • • • • • • • • • •			9	26.0											97.9	
. 23	85.1	94.2	91						98.3						98.4	
		94.4							99.2						39.3	
:		94.4							99.8					99.9	99.9	
	3 (		- 1						99.8						99.9	
				-	-									I	00.01	
															0.01	
	-														្ងៃ១•០្	

TOTAL NUMBER OF OBSERVATIONS

2.14.5 (Det. 50) PREVIOUS EDITIONS OF THIS FORM ARE OF SOLETE

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

YEARS

242.12

COMOX LC DOL APT STATION NAME

54-63

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1207-140

								viic	DILLEY CT		***						
CEIL	ING							V131	DIE   1 /31	ATUTE MIL	.03						
(FE	ET	≥ 10	≥ 6	≥ 5	≥ 4		~				_ 1	. 1			-		
		≈ 10	= 0	≈ 5	<i>=</i> 4	≥ 3	≥ 2 1/2	- 2	1 1/2	≥ 11/4	≥ 1	≥ 1/4	≥ 5/8	≥ 1/2	= 5,/16	> 1/4	≥ 0
NO C	EILING		i				•			•	Į.					- +	
~ 20	0000	64 4	4.2 1	47.3	67 3	4.7	47 3	4.7 3	4.7 3	47.3	47 3	4.7 3	67 2	67 3	47.3	أدحما	. 7 %
	8000		47.4			- ;											
	6000					47.7				47.7					47.7		47.7
2 2 1	4000		48.0		48.2	48.2	48.2				48.2			48.2		48.2	46.6
	2000	1 . 1	50.2		50.4	50.4		I	50.4	4					5 - 4	50.4	50.4
P.		51.9	52.7	52.9	52.3	52.9	52.9			,	,			<u>52.9</u>		52.9	52
	9000	57.1	57.9	58.1	58 - 1	58.1	58 <b>. I</b>	58 - 1	58.1	58.1	58 . 1		58.1	58.1	58.1	58.1	58.1
1		59.2	60.1		60.0	60.3	فعشف	<u>.00.3</u>	60.3	60.3	60.3	60.3	60.3	60.3	60.3	50.3	6C.3
	8000	63.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	1:4.4
6.	7000	64.7	65.9	66.1	66.2	66.2	65.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	06.2	66.3
	6000	65.0	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.
	5000	70.8	12.3	72.6	72.9	73.4	73.3	73.0	73.0	73.0	73.C	73.0	73.C	73.0	73.0	73.9	73.
	4500	72.2	73.8	74.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	14.4	74.4
. ? 4	4000	76.4	78.9	79.1	79.6	19.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
	3500	79.8	82.3	32.6	83.0	83.1	83.1	83.1		83.1	83.1	83.1	83.1	83.1	8 . 1	83.1	83.1
_ 3 3	3000	83.8	87.2	87.4	87.9	88.1	88.3	88.3	-	88.3	88.3	88.3	86.3	88.3	86.3	88.3	00.3
	2500	86.2	90.1	90.3	90.9	91.1	91.3		91.4			91.4		91.4			11.4
≥ 2	2000	87.4	91.9	92.2	93.1	93.6		94.0		- 1		94.0			94.0		94.
. > 1	1800	87.7	92.2	92.7		94.0	94.3			94.4							94.4
_ ≥ 1	1500	88.C	92.9	93.3	94.2	94.8	95.1		95.2	95.2	- 1	_	- 1	95.2	95.2	95.2	
'≥ ⊤	1200	88.6	93.9	94.3	95.3		96.2			96.3				96.3	96.3		96.3
≥ :	1000	1	94.2	94.9	96.0		96.9							97.1	97.1		97.1
, >	900	89.0	94.4		96.5	96.9		97.4		97.4							97.4
≥	800	29.2		95.6		97.3				97.9				97.9		97.9	
>	700	89.1	94.7				97.9	98.1									<del>37. 1</del>
>	600						98.2			98.1				98.1			98.1
- >	500	. <u>39.1</u>								98.4				98.4			99.4
· ≥	400	89.2	1	96.2		98.1				99.0				1	99.2	99.2	
<b>⊦</b> ≥	200	. 59.2	95.1	26.3		1				99.2					99.6		99.6
>	300 200	89.2	95.1	96.3	97.8	1										99.7	99.7
i-		89.2	25.1	96.3											100-0		
; ≥ ≥	100		95.1	96.3											100.0µ		
•	0	89.2	95.1	36.3	97.8	28.4	99.1	99.6	29.7	99.7	100.0	100.G	100.0il	10 <b>. 0</b> 0	100-01	LQ Q. <b>. Ql1</b>	لنعتا

TOTAL NUMBER OF OBSERVATIONS

- 90C-

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED FARY BUSI

23

OATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. U. 25801

### CEILING VERSUS VISIBILITY

24292 COMON BC DOT APE 54-63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

							VISI	BILITY (ST.	ATUTE MIL	ES)						
CEILING																
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	- 2	= 1 1/2	≥ 1 1/4 .	≥ 1	≥ 3/4	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING		· i				-	•	1				,				
≥ 20000	42.1	42 - 8	42.9	42.9	42.0	42.4	42.0	42.0	42.9	42.0	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000				43.2		'						43.2		43.2		
≥ 16000	43.1	43.B		43.9												
. ≥ 14000								- +							46.0	
≥ 12000		48.4						-	48.6			i		45.6	1	
≥ 10000	52.6	53.3			53.4				53.4					53.4		53-4
≥ 9000	55.2		56.3						56.3			56.3		56.3		
≥ 8000		60.9	,		61.		1.		61.			61.0		61.0	61.0	61.
≥ 7000	- 1		63.4						63.4					63.4		63.4
÷ 6000		65.0		65.1		65.1			65.1			65.1	65.1		65.1	6' 1
≥ 5000		70.2	- 1	70.3				1	;		70.3		70.3			اد و ز 7
≥ 4500	70.			72.3	72.3				72.3			72.3		72.3	<del>-</del>	72.3
≥ 4000		77.8		76 1	70 1	78.1		-	78.1			78.1	78.1	78.1	78.1	78.1
<del>-</del> - 3500	75 78. 3		•	[Q±4.	40 · 1	10.1	82.1	82-1		82.1		82.1	82.1		82.1	82.1
≥ 3000	83.9	88.1		89.0	89.0	89.0	89.0	89.0				89.0	89.0		89.0	89.
≥ 2500		91.6	38•1. 52•3:		22 7	92.7	92.7		92.7					92.7		92.7
≥ 2000	88.3	93.4		94.9	95.0			95.0				95.0	95.0		95.0	95.0
≥ 1800	88.2	93.7	94.7				,		95.2			95.2	95.2		95.2	
≥ 1500	88.2	93.7		25.1					- 1				95.6		95.6	95.6
≥ 1200	88.6	94.4		90.1				. ,			96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	88.8	94.7		9t 4										97.6		
≥ 900	88.8			96.4		-				-				97.6		97.6
≥ 800	89.0	95.1	46.2						98.3					96.3	}	
≥ 700	89.0	95.3		97.1	•		- •							98.8	98.8	98.8
≥ 600	89.C	95.3		97.4	- 1	-	- 1						99.2		99.2	
> 500	89.0	9. 3		97.4									99.3		49.3	49.3
≥ 400	89.0	95.3			- 1							99.6	99.6			99.6
≥ 300	89.0		96.7						99.8				99.8			99.8
≥ 200	89.0	95.4													100.01	
	89.1	95.4													100.01	
≥ 0	89.0														ioc.	
£	* * * *	12 1 T	. 28811		Z W B W	4 2 E Q1	2.2.2.3	***	V V V V V V	V V · V	<u> </u>		F - 1 7 4 5 1	* > • .\ F	<u> </u>	

TOTAL NUMBER OF OBSERVATIONS

JL C

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24292 COMOX 5C DOT APT STATION NAME

<u>54-63</u>.

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800- CO.

							VIS	IBILITY (ST	ATUTE MIL	ES)			-			
CEILING					,											
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 ⅓	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING			T		j	•	i		1	1	-	*				
≥ 20000	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.
≥ 18000	44.5			44.6	44.0	44.6	44.6			44.6		44.6	44.6		44.6	44-
≥ 16000	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9		44.9	44.9	44.9	44.9	1	44.9	44-
≥ 14000	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.
≥ 12000	50.3	50.5	53.6	50.6	50.6	50.6	50.6		50.6	50.6		50.6	50.6	50.6	50.6	50.
≥ 10000	55.5	55.7	55.8	55.8	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.
≥ 9000	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.
≥ 8000	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	52.
≥ 7000	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.
≥ 6000	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.
≥ 5000	71.4	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.
≥ 4500	73.7	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.
≥ 4000	79.6	85.9	81.2	81.2	81.2	81.2	81.2	81.2		81.2	81.2	81.2	81.2	81.2	81.2	81.
> 3500	82.1		1 1	84.0			84.0			84.0		84.0	84.0	1 1	84.0	84.
≥ 3000	86.1	88.9		89.4	89.4		89.4			89.4		89.4	89.4		89.4	59.
≥ 2500	87.7		91.9	91.9	91.9		91.9			91.9		91.9	91.9		91.9	91.
≥ 2000	88.4		1	93.3	93.3	93.3	93.3			93.3		93.3	93.3		<del>93.3</del>	93.
≥ 1800	88.7		1 - 1	93.5	93.5	93.5	93.7			93.7		93.7	93.7		93.7	93.
≥ 1500	89.3		+	94.9		95.0	75.2		95.2	95.2			95.2		95.2	95.
≥ 1200 ≥ 1000	89.4		95.2	95.4	95.6	95.6	95.8			95.8		95.8	95.8		95.8	95.
- +	89.5		+	95.9	96.0	96.0	96.2		96.2	96.2		96.2	96.2		36.2	96.
≥ 900 ≥ 800	89.5			96.0	96.1	96.1	96.3	96.4		96.4	- 1	96.4	96.4		96.4	96.
	89.5			96.6	96.8		97.0			97.1		97.1	97.1		97.1	37.
≥ 700 ≥ 600	89.7		1	97.0	97.4	97.4	97.7			97.8		97.8	97.8		97.8	97.
≥ 500	89.7		1	97.3	98.1	98.1				98.7		98.7	98.7		98.7	98.
≥ 400	89.7		1 1	97.9	98.8	98.8	99.7			99.9	- 1	99.9	99.9		99.9	99.
≥ 300	89.7			97.9	96.8 98.8		99.7		99.9		99.9		99.9	99.9		99.
≥ 200	89.7				1									100.0		
≥ 100	89.7			97.9										100.0		
≥ 100	89.7	_	97.1	97.9	98.8				100.0					100.0		
'	07.1	72 • 9	7 7 ( . 1.)	71 • Y	70.0	70.0	77.0	1000	100.0	COC - OI	T Č ∩ • Oï		ľū∆ • ∩	FACE	roce of	

TOTAL NUMBER OF OBSERVATIONS

899

24292 COMOX BC DOT APT 54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L 5 T.)

COUNTS							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	· ;		. 1	1												
(1001)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/6	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING		}		:	- 1						· · +			:	+	
20000	اء دما	51 0	<b>61</b> 3	6.	5 1 N	6. 0	era si	51.	51.0	51.0	53.0	51.0	<b>61</b> 0	S1 0	51.7	5.
≥ 18000	51.0		51.0 51.1		51.1		<u> </u>	51.1	51.1	51.1		51.1				
1 ≥ 16000	51.1	51.1		51.1	51.1		_	51.1		51.1		51.1		51.1	51.1	
≥ 14000	52.4	52.6		52.6				52.6		52.6		52.6			52.6	
≥ 12000	54.6	54.7		54.7	54.7		54.7		1	54.7	1		54.7		54.7	54.7
≥ 10000	59.4	59.6						59.6								
≥ 9000	62.9			63.1			63.1		1	63.1				63.1	63.1	63.1
≥ 8000	66.3	66.4		66.6					66.6					66.6		66.6
≥ 7000	69.4			69.3		l I	-		69.8							69.8
> 6000	71.6			71.9					71.9						71.9	71.5
≥ 5000	77.6		) - ,		78.2				78.2	78.2	,				78.2	78.2
≥ 4500	78.7			79.3				79.3							79.3	79.3
≥ 4000	82.9			84.1			84.1		84.1	84.1					84.1	84.1
≥ 3500	84.5			86.3			86.3						86.3		86.3	86.3
≥ 3000	87.3			89.7	89.7	1	89.7			89.7			89.7	89.7	89.7	69.7
<u></u> ≥ 2500	38.9			91.9				92.1					92.1		92.1	72.1
≥ 2000	90.	93.1		93.2		93.6			93.6				93.6	93.6	93.6	43.6
≥ 1800	96.3	93.€	93.9	93.9			94.2						94.2	94.2	94.2	94.2
≥ 1500	90.9	94.4	94.8	94.8	95.1	, -,	95.1			95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	91.1	75.4	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	91.4	96.1	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	41.4	96.1	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	91.4	96.2	97.0	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.0
≥ 700	91.6	96.3	97.2	97.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	91.6	96.6	97.4	97.6	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.0
≥ 500	91.7	96.9	97.8	97.9	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	39.3
≥ 400	91.7	97.1	98.0	98.2	99.1				100.0							
≥ 300	91.7	97.1	98.0	98.2	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0
≥ 200	91.7	97.1	98.0	98.2	99.1				100.0							
≥ 100	91.7		98.3						100.0							
_ ≥ 0	31.7	97.1	98.0	98.2	99.1	99.3	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100-0	100.

TOTAL NUMBER OF OBSERVATIONS 930

24202 COMUX BC DOT APT STATION NAME

<u>54-63</u>

MAY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-000

												-		-		
CEILING (							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)															;	
(122.1	≥ 10	≥ 6	≥ 5	≥4	≥ 3	≥ 2 1/2	₹ 2	:= 1 1/2	≥ 11/4	≥ 1	≥ %	≥ %	≥ y,	≥ 5/16	≥ 1/4	≥ 0
							. :		- 1			•			j	
NO CEILING					!	<u> </u>			i				<b></b>			
≥ 20000	55.								55.0						55-0	
≥ 18000		55.0	55.0	55.0	55.0	55.0 <sub>1</sub>	55.0	55.0	55.0				55.0			
≥ 16000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.3
≥ 10000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.l
≥ \$200	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	56.9	66.9
≥ 8000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	74.5	74.8	75.2	75.2			75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	76.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1					77.1	77.1	77.1	77.1
≥ 5000	82.4	83.2	83.6	83.6	83.6			83.6	,		83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	63.8		85.3	85.3				85.3	85.3					85.3	85.3	85.3
≥ 4000	37.6		89.9			89.9		89.9			89.9			89.9	39.9	89.9
≥ 3500	90.0		32.7	92.7					92.7					92.7	92.7	92.7
≥ 3000	91.7	i e	94.9	94.9					95.1	95.1			95.1		95.1	35.1
≥ 2500	92.6			96.5		96.8		96.8					96.8		96.8	96.8
≥ 2000	92.8		96.9	96.9	í i		- 1	97.3	, ,				97.3	- 1	97.3	97.3
≥ 1802	92.8		97.0		97.3			97.4					97.4		97.4	
≥ 1500	93.2								98.2	98.2				98.2	98.2	98.2
≥ 1200	93.2			97.6				98.3					98.3		98.3	98.3
≥ 1000								98.8			_	98.8		98.8	98.8	
≥ 900	93.2		98.2	98.2												
≥ 800	93.4				,	99.1	99.2							99.2	99.2	99.2
≥ 700	93.4			98.6		99.1			99.2			99.2		99.2		
≥ 700	93.6					99.6			99.7				99.7	- 1	99.7	99.7
	93.7					99.7			99.8			99.B	99.8	99.8		
≥ 500 l ≥ 400	93.7				1 '	99.7			99.9			99.9				
	23.7			99.1					100.0							
≥ 300	_	98.0			<i>?</i> .	. ,		ı	100.0							
≥ 200		98.0							100-0							
≥ 100	93.7	98.0							100.0							
≥ 0	33.7	98.0	98.9	99.1	99.7	19.8	99.9	100.0	106.01	100.0	100.0	100.0	100.0	ان - 100	100.01	100.

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

y. 7

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FGRY BUSINESS SYSTE

823

50523

#### CEILING VERSUS VISIBILITY

24292 COMOX BE DOT APT STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE

54-63

(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

VISIBILITY (STATUTE MILES) CELLING (FEET)  $\geq 2$   $\geq 1\frac{1}{2}$   $\geq 1\frac{1}{4}$   $\geq 1$   $\geq \frac{3}{4}$   $\geq \frac{5}{4}$   $\geq \frac{5}{16}$   $\geq \frac{1}{4}$ ≥ 10 ≥ 6 ≥ 3 ≥ 2 1/2 NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 1800 ≥ 1500 ≥ 1200 900 ≥ 800 700 > 500 400 100

TOTAL NUMBER OF OBSERVATIONS

929

24292 COMOX BC DOT APT 54-63
STATION NAME YEARS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 11/4	2 1	≥ 3/4	≥ 5/6	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000						į	İ									
	52.0		52.6												22.6	
≥ 18000	52.6		53.1	53.1					53.1				53.1		53.1	
≥ 16000	52.7			53.2	53.2	53.2	53.2	53.2				53.2				
≥ 14000	53.3	53.9	53.9	53.9	ı .			- 1							1	- 1
≥ 12000	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6				55.6		55.6		
≥ 10000	59.7	60.2	60.2	60.3	60.3	1	60.3	- 1		(	60.3			60.3		60.3
≥ 9000	62.3	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.7	62.9	62.9	62.9
≥ 8000	67.1	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.4	68.0	68.0	68
≥ 7000	70.1	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	72.4	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	77.2	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78,7	78.3
≥ 4500	81.5	82.8	83.0	83.2	83-2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	63.2	83.3
≥ 4000	85.6	87.3	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 3500	88.1	90.3	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 3000	90.4	93.1	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 2500	91.9		95.8		96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 2000	92.6	95.9	l í	97.0		- 1	97.4	,	97.4					97.4	97.4	37.5
≥ 1800	92.6			97.0				97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 1500	93.0		1 ' = ' - 1	97.6		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1200	93.3			98.1	98.5		98.5		98.5				98.5	98.5	98.5	98.5
≥ 1000	93.5		98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7			98.7		98.8
≥ 900	93.7			98.4			98.8									
≥ 800	93.7		98.3	98.6				99.1	99.1	99.1	99.1	99.1	99.ì	99.1	99.1	99.2
≥ 700	93.7			98.6			99.0			99.1	99.1		99.1	99.1		99.2
≥ 600	13.7		1	98.7		99.1	99.1	- 1	- 1	99.2			99.3	99.2	99.2	
≥ 500	93.7			99.0					99.9				99.9			
≥ 400	93.7	97.4		99.0	1 1	99.6	99.7	. 1		99.9	99.9					1
≥ 300	93.7	97.4		99.0			99.7		99.9	99.9		99.9			99.9	
≥ 200	93.7		38.7	99.0			99.7								99.9	
≥ 100															99.9	
≥ 0	93.7		98.7	99.0		- 1	99.7 99.7	99.9	1	99.9				99.9		100.
L	Zial	97.4	i ib.	99.0	77.5	99.6	77.	77.7	77.9	77.7	77.7	77.7	27.9 X	77.7	77.7	. VI. e

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

24242 COMOX RE DOT APT STATION NAME

54-63 YEARS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-110...

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥1%	≥ 1	≥ 3/4	≥ 5/6	≥ 1/2	≥ 5/16	≥ y,	≥ 0
NO CEILING ≥ 20000													 			
			57.2		57.2				57.2			57.2				
≥ 18000 ≥ 16000		57.7		57.7				57.7	57.7	57.7		1			57.7	1
		58.1	58.1	58.1	58.1	58.1	58.1		58.1	58.1			58.1			
≥ 14000	59.7	60.1	60.1	60.1	60.1	60.1	60.1		60.1	60.1			60.1		60.1	60.1
≥ 12000	61.8	62.3	62.3	62.3	62.3	62.3			62.3			62.3	62.3		62.3	$\overline{}$
≥ 10000	66.	66.8	66.8	66.8	66.8	66.8						66.8	66.8	66.8	66.8	66 - 8
≥ 9000	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.0
≥ 7000	74.3	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
> 6000	76.1	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	80.0	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	91.0	81.0	81.0	81.0
≥ 4500	82.4	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	93.4
≥ 4000	85.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	88.1	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.i
≥ 3000	91.1	93.2		93.5		93.7		93.7				93.7	93.7	93.7	93.7	93.7
≥ 2500	92.9			95.8		96.0			96.0	96.0		96.0	96.0		96.0	36.
≥ 2000	93.5			97.3		97.5						97.5		-		97.5
≥ 1800	93.5			97.3		97.5			97.5			97.5		97.5	97.5	97.5
≥ 1500	93.8			97.6								97.8				97.8
≥ 1200	93.8			97.6					97.8			97.8				97.€
≥ 1000	93.9		1	97.7							,					
≥ 900		97.2		98.0					98.2			98.2	98.2			98.2
≥ 800	94.2			98.7					98.9			98.9		1	- 1	i
≥ 700	94.3		98.6	98.8					99.0				99.0		99.0	99.
≥ 600	94.3			98.9			-					99.4				99.4
≥ 500									99.8				99.8			99.8
≥ 400	94.5			99.2												
≥ 300	94.5			99.4								100.0				
≥ 200	94.5			-	99.8											
_	94.5			99.4								100-0				
≥ 100 ≥ 0		98.2			99.8							l I	-			,
0	94.5	98.2	98.8	99.4	99.8	99.9	100.0	130.0	100.0	100.0	100.0	100 ° G	100.0	100.0	100.00	LCC.J

TOTAL NUMBER OF OBSERVATIONS 930

24292 COMBX BC DOT APT 54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/0	≥ y <sub>2</sub>	≥ 5/16	≥ 1/4	≥ 0
NO CEILING				i		7	İ			;		e : 1				
20000	58.6	59.0	59.0	59.0	59.0	59.0	59.3	59.	59.0	59.0	59.0	59.	59.	59.0	59.0	59.
≥ 18000	59.2	59.7	59.7	59.7	59.7		1		59.7	59.7	59.7	59.7		59.7	-	59.7
≥ 16000	6C.9	61.3	61.3	61.3	61.3	61.3	61.3							61.3	61.3	61.3
≥ 14000	61.3	62.4	62.4	62.4	62.4	62.4	62.4				-	62.4	62.4	62.4	62.4	62.4
2 12000	64.5	64.9	54.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	54.9	64.9
≥ 10000	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	71.3	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	74.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	75.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.i
≥ 6000	76.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	81.1	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	83.5	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	87.3	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	39.7
> 3500	90.8	93.0	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	92.4	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	93.9	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	17.5	97.5	97.5	97.5	97.5
≥ 2000	94.3	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5
≥ 1800	94.3	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98,4	98.4	98.4	98.4	98.4	98.4
≥ 1500	34.5	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	94.5	97.8	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	94.5	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	94.5	98.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
_ ≥ 800	94.6	98.2	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 700	94.6	98.2	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 600	94.6	98.2	98.6	98.7	_99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 500	94.7	98.4	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	94.7	98.4	98.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.01	100.0	104.0	100.0	100.1
≥ 300	94.7	98.4	98.9	99.2	99.8	99.8	100.0	106.9	100.0	100.0	100.0	100.01	00.0	100.0	100.0	100.3
≥ 200	34.7	98.4	98.9	99.2	99.8	99.8	Lco.cl	130.0	100.0	100.0	100.0	100.01	00.0	100.0	100.0	100.0
≥ 100	94.7	98.4	98.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.01	0.00	100.0	100.0	00.
≥ 0		98.4	,	99.2	,				100.0							

TOTAL NUMBER OF OBSERVATIONS

54-63

MAY HTHOM

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

							VISI	BILITY (ST	ATUTE MIL	ES)						
CEILING			-1		. ,			,								
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 11/4	≥ 1	≥ 3/4	≥ 5/8	≥ ⅓	≥ 5/16	≥ 1/4	≥ 0
NO CEILING					1				j			:			1	
_ ≥ 20000	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	56.1
00001 ≤	58.4	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	50.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	57-4	67.4
≥ 9000	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	59.4	69.4	59.4	69.4
≥ 8000	72.2	72.5	72.5	72.5	72.6	72.6	72.6	72.6		72.6	72.6	72.6	72.6		72.6	72.6
≥ 7000	73.7	74.0	74.0		74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	75.6	75.9	75.9	1	1			76.0	76.0		76.0	76.0	76.0	76.0		76.0
≥ 5000	80.3	80.8			80.9							80.9	80.9			
≥ 4500	82.8	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4		83.4	83.4
≥ 4000	88.7	89.6									89.8	89.8	89.8		89.8	89.8
3500	91.4	92.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	93.8		95.4			95.8							95.8		92.8	95.8
≥ 2500	94.8	96.5	95.8	1	97.3		97.3	97.3		97.3	97.3	97.3	97.3	97.3	37.3	97.3
≥ 2000	95.2	97.1	97.5				98-2			98.2	98.2		98.2		98.2	98.7
≥ 1800	95.2	97.2	97.6		98.3	98.3	98.3			98.3		98.3	98.3	-	98.3	98.3
≥ 1500	35.4	98.0				99.0					99.0		99.0			99.
≥ 1200	95.4	98.0	98.4			99.0	<b>39.</b> 0				99.0	99.0	99.0			99.
≥ 1000	95.5				99.2			99.2		99.2		99.2			99.2	99.2
: ≥ 900   ≥ 800	95.5	98.2	98.6		1	99.2	99.2			99.2	99.2	99.2	99.2		99.2	99.2
-	95.5	98.2				99.2		99.2			99.2	99.2			99.2	99.2
≥ 700 ≥ 600	95.5	98.3		-		99.6			99.6		99.6		99.6	1		99.6
h	95.5	98.4							99.8				99.8			99.8
≥ 500	95.5	98.4	99.0						99.8		99.8		99.8			99.8
<del></del>	95.5	98.4													100.0	
≥ 300	95.5	98.4	99.2									1		1	100-0	l.
h	95.5	38.4	99.2												100.0	
≥ 100	95.5	98.4		99.6												
	95.5	98,4	99.2	99.0	70.0	100.0	100.0		100.0	100.0	100.0	ros oli	100 - 0	100.0	100. <u>0</u>	LUUS

TOTAL NUMBER OF OBSERVATIONS 936

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24292 CUMOX BG OUT APT 54-63

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ →	≤ 1 ½	≥ 1%	≥ 1	≥ 3/4	≥ 5%	≥ 1/2	· ≥ 5/16	≥ ¼	≥ 0
NO CEILING	i		:				:		-	- !	-	,				
≥ 20000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.
≥ 18000	56.4	56.4		56.4		56.4		56.4			- 4	56.4	56.4	56.4	56.4	26.4
≥ 16000	57.1		57.1	57.1	57.1	57.1			57.1		57.1	57.1	57.1		57.1	37.1
≥ 14000	57.9	57.9		57.9	57.9	- 1		57.9	57.9	57.9	57.9	57.9	1	57.9	57.9	∍7 • Sj
12000	61.4	61.4	61.4	61.4	61.4			61.4		<del></del>	61.4	61.4		61.4	51.4	61.4
≥ 10000	66.l	66.1	66.1	66.1	66.1	-	66.1	66.1	66.1	66.1	66.1		66.1	66.1	55. I	66.1
<u>├</u>	68.1	68.1	68.1	68.1	68.1		68.1	68.1	68.1	68.1	68.1		68.1		68.1	66.1
≥ 8000	72.6	72.6	72.6	72.6		72.7		72.7	72.7	72.7	72.7	72.7		72.7	72.7	12.7
<del></del>	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7		75.7	75.7	75.7	75.7
, ≥ 6000 ≥ 5000	78.1	78.1	78.1	78.1	78.4	78.4	78.4	1			78.4		78.4	78.4	78.4	78.4
≥ 4500	83.4	83.5					83.9	83.9	83.9		83.9	83.9		83.9		63.9
2 4000	85.6	85.8		85.9		86.1	86.1		86.1		86.1			86.1	85.1	86.1
3500	89.8 92.4	90.3	93.4	90.5				90.7			90.7	90.7	90.7	90.7		90.7
≥ 3000	94.3	95.6	96.1	96.1	93.6	93.6	93.6	93.6		93.6	93.6	93.6		93.6	93.6	93.6
F ≥ 2500	94.9	96.4	97.1	97.1	97.6	97.6	97.6	97.6		96.4 97.6		96.4		96.4	96.4	96.4
≥ 2000	95.5	97.0	97.7	97.7	98.3	98.3	1			98.3	–	97.6	97.6	97.6	97.6	97.6
≥ 1800	95.5	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3		98.3	98.3	98.3	98.3	36.3
≥ 1500	95.7	97.3	98.2	98.2	98.8	- 1	98.9		98.9				98.9	95.9		
≥ 1200	95.8	97.4	98.3	98.3	99.0		19.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99
≥ 1000	95.8	97.4	98.4	98.4	99.1	99.1	99.4	- 1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	95.8	97.5	98.5	98.5	99.4	99.2	99.5	99.5		99.5	99.5	99.5	99.5	99.5	99.5	
≥ 800	95.9	97.6	98.6	98.6	99.4	99.4	99.6		99.6	99.6	1	99.6	99.6	99.6	99.6	99.0
≥ 700	95.9	97.0	98.7	98.7	99.5	99.5		99.7				99.7	99.7	99.7	99.7	79.7
≥ 600	96.0	97.8	98.9	99	99.8						100.0				Loo.ch	
> 500	96.0	97.8	98.9	99.0	99.8										0.01	
≥ 400	96.0	97.8	98.9	99.0	,	99.8	100.0	100.0	100.0	100.0	100.0	00.0	100.0	ec.et	106.01	6.
≥ 300	96.0	97.8	98.9	99.0	99.8						100.0				01	
≥ 200	36.0	97.8	98.9	99.0	99.8					_					100.01	
≥ 100	36.C	97.8	98.9	99.0											100.01	
_ ≥ 0	96.0	97.8	98.9	99.0											ion.ek	
-																

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 229\_

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

242-2 COMOA BE DET API 54-60

M/LY --

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

/ 109- 30 House it sity

							VISI	BILITY IST.	ATUTE MIL	ES)						
CEILING	:		1	-												
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 11/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/6	≃ V₂	4 5/16	× 1/4	≥ 0
NO CEILING	i	- 1	1	1	- 1						İ		•			
≥ 20000	55.7	55.7	52.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	5 . 7	54.7	5.7
18000	55.9			55.9		55.9					55.9	55.9	55.9	55.9	55.9	55.
≥ 16000	56.4	56.4	- 1		56.4	56.4		56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	57.9				57.8	57.8		57.8	57.8		57.8	57.8	57.6	57.6	57.8	7.
≥ 12000	61.0	61.0	01.0	61.	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.
≥ 10000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	56.3	60.3
≥ 9000	68.4	68.4	68.4	60.4	68.4	68.4	68.4	58.4	08.4	68.4	CB . 4	68.4	68.4	<u>08.4</u>	68.4	68.4
≥ 8000	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	75.4	75 <u>.</u> 5	75.9	75.9	75.9	75.9	75.9	75.9		75.9	75.9	<u>75.9</u>	75.9	75.9	75.9	72
≥ 6000 l	76.5	76.7	77.0	77.0	77. N	77.0	77.3	77.	77.0	77.C	77.0	77.0	77.9	77.0	77.9	77.
≥ 5000	83.3	83.9	24.4	84.4	84.4	84.4	34.4	84.4		84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500 ≥ 4000	86.3	87.2	87.6	87.6	87.6	87.6	87.6	87.6	- (	87.6	87.6	i	87.5	87.0	27.6	87.5
	89,0				91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1		91.1	$\frac{-1}{23} \cdot \frac{1}{23}$
≥ 3500 ≥ 3000	91.3	92.7	93.5	1	93.6	93.6	93.6	93.6		93.6	93.6	93.6			93.6	93.0
	93.0	94.6	95.5			95.6	95.6		95.6		95.6				35.6	95.0
≥ 2500 ≥ 2000	93.8			- 1	97.1	97.3	97.3	97.3	- 1	97.3	97.3		97.3		97.3	97.3
≥ 1800	94.1	96.8	97.7 97.8	97.7	98.0	98.3	98.4		98.4		98.4	98.5	98.4	98.4	98.4	98.4
≥ 1500	34.4		1		98.6	98.4 98.9	98.5	98.5	99.0	98.5	99.0		99.0	99.0	99.0	99
≥ 1200	94.4			98.6	98.9	99.5	99.6	99.6		99.6		99.6	99.6	99.6	99.6	99.5
≥ 1000	94.5	1		98.8	99.1	99.7	99.8		99.8				99.8	99.8	99.8	99.8
<sup>⊢</sup> > 900	24.5		98.7	98.8	99.1	99.7	99.8	99.8			99.8			99.8	99.8	99.8
> 800	94.5	97.5		98.8	99.2	99.8	99.9		99.9				99.9	99.9	99.9	99
≥ 700	94.5	97.5		98.8	99.2	99.8	99.9	99.9					99.9		99.9	79.7
≥ 600	94.6				99.4				100.01						100.01	.00.4
≥ 500	94.6	97.6		98.9	99.4				160.01							
≥ 400	94.6	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100 <u>. o</u> l	100.0	100.0	100.01	100.0	Loo.cl	130.01	01.
≥ 300	94.6	97.6	98.8	98.9	99.4	99.91	100.00	100.0	100.01	100.0	100.0	100.01	100.0	100.01	100.01	00.0
≥ 200	24.6	97.6	98.8	98.9	99.4				100-0							
≥ 100	94.6	97.6	98.8	98.9	99.4				100.0							
. ≥ 0	14.6	97.6	98.8	98.9	99.4	99.91	100.00	100.0i	100.01	100.00	LOC.O	( <u>0^.⊍</u> 1	00.0	105 <b>-0</b> 1	LOC. CI	<u>. e. i.</u>

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. J. 20801

### CEILING VERSUS VISIBILITY

24292 COMOX EL LOT ATT STATION NAME

54-63 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000- 220 HOURS (L S T.)

CEILING							VtSI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	-			1			,					-				
1	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ⅓	≥ 1%	≥ 1	≥ 3/4	<i>≥</i> %	≥ 1/ <sub>2</sub>	≥ 5/16	≥ 1/4	≥ 0
NO CEILING					Ť	•				i-				1.		
> 20000			امید، ا	. 7 0			ام ج				أمسا		. ~ ~	!	a	
1	47.								47.2							
≥ 18000 ≥ 1600J			í I	,					47.6					47.6	1	
1									47.6							
≥ 14000	47.9	40.1				48.1			1	48 . 1	1			45.1		
≥ 12000	21.3	51.6	21.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.5
≥ 10000	55.9	56.1	56.1	56.1	56.1	56.1	56 • 1	56.I	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 9000	57.6	57.8	57.8	57.9	57.8	51.8	57.8	57.8	57.8	57.8	57.8	51.8	57.8	57.8	57.8	97.J
≥ 8000	61.2	61.4	61.4	61.4	61.4	61.4	61.4	51.4	61.4	61.4	61.4	61.4	51.4	61.4	61.4	61.4
≥ 7000	65.9	66.2	66.2	46.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66
≥ 4000 ·	68.	59.3	69.3	69.3	69.3	69.3	69.3	59.3	69.3	69.3	64.3	69.3	69.3	69.3	59.3	69.3
> 5000	81.	81.9	81.9	81.9	81.9	81.9	91.9	31.9	81.9	81.9	83.9	81.9	81.9	81.9	و . ; د	\$1.
≥ 4500	83.8	84.7	34.8	8 8	84.8	84.8	84.8	84.8	84.8	84.8	64.8	84.8	84.8	84.6	94.8	84.8
≥ 4000	89.4	90.6	1	91.0	91.0	91.0					91.0	91.0	91.	91.0	91.3	71.
3500	91.3					93.1				93.1					93.1	
≥ 3000	93.6	1	-	-	,	- 1			95.8			95.8		95.8	25.8	25.8
		96.0			96.7				96.8					96.8	94.8	05
≥ 2000	94.8		1		97.3	97.3			-	1		97.6			91.6	97.0
≥ 1800		96.5			97.4				97.7						97.7	97.7
≥ 1500	95.3				1				98.2				98.2		98.2	98.
≥ 1200		97.8		98.7		98.7						98.9			98.9	98. 7
≥ 1000						98.9				99.1		99.1	99.1	99.1	99.1	99.1
≥ 900		97.8		98.5		99.0					-	99.2	99.2	99.2	79.2	99.2
≥ 800			98.4			- 1			99.3	- 1					99.3	99.3
_ ≥ 700		97.8		98.4	1				99.3						99.3	
≥ 600	15.5	1		98.9		99.1		99.3			99.3		99.3		99.3	
≥ 500	95.5								99.7			99.8	99.8		99.8	
≥ 400		98.0				99.3				99.8	99.8	99.8	99.8	99.8	99.8	. 9
≥ 300		98.0			T .				99.91							(
≥ 200	95.6		: 1					-	99.9					100.0		
> 100		98.0							99.9							r 2 - 7
> 0		98.0		99.1		99.4	99.8		99.91							
• -	2240	. 70 a.W		23.4	114.1	- 17 - 9:	77.0	77.7	33.20	13/13 1/13	LUSI a Sel		LUMPL	erica Cil		44.

TOTAL NUMBER OF OBSERVATIONS

	NOV 65	E ENVIRONM T. BRITISH /DS-81/035	COLUMBIA	, CANAL	JA. REV	ATIONS ISED UN	IFORM	ETC SUMMAR	Y OF	ZZ V	\ 
3 of 4						2630	0.3		M.		
					l						

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 2880)

500

≥ 300 ≥ 200 ≥ 100

#### CEILING VERSUS VISIBILITY

24292 COMOX BC DOT APT STATION NAME <u> 54-63</u> PERCENTAGE FREQUENCY OF OCCURRENCE

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 | ≥ 6 ≥ 4 ≥ 3 ≥ 2 1/2 ≥ 2 ≥ 1½ | ≥ 1¼ NO CEILING > 18000 ≥ 16000 ≥ 14000

(FROM HOURLY OBSERVATIONS)

≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 > 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 ≥ 3000 ≥ 2000 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 ≥ 900 800 ≥ 700 ≥ 600

94.8 97.9 98.1 98.3 99.1 99.1 99.7 99.7 99.7 99.8 99.9 99.9 00.0 00.0 00.0 00.0

TOTAL NUMBER OF OBSERVATIONS

24292 COMOX BC DOT APT STATION NAME

54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J600-J800

CEILING	!						VISI	BILITY (ST.	ATUTE MIL	.ES)						_
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ ¾	≥ 3%	.≥ y <sub>2</sub>	· ≥ 5/16	≥ ¼	≥ 0
NO CEILING  ≥ 20000	40.3	40.9	40.9	41.6	41 -	41.0	41-6	41.0	41.0	<b>41</b> -0	41.0	1 1	: = !: ـ ده	41.	41.0	41
≥ 18000	40.6							41.2							41.2	
≥ 16000	40.8		41.3	1		41.4	1									
≥ 14000	42.2	43.0		43.1	43.1			43.1				43.1	43.1		43.1	
≥ 12000	45.6			46.7	46.7								1			
≥ 10000	51.4	52.4	52.4	52.6	52.6	52.6							52.6			
≥ 9000	55.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1			56.1	56.1
≥ 8000	69.1	61.3	61.4	61.6	61.6	61.6					61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	62.8	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	65.6	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.l	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	73.9	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	77.8	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.1
≥ 4000	82.7	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
> 3500	86.0	88.4	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	39.1
≥ 3000	90.0	92.4	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	90.8	93.8	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	91.9	95.1	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.
≥ 1800	(	95.1				96.2				1					96.3	96
≥ 1500	92.2					97.0										97.1
≥ 1200	92.4		96.7			97.4										- 1
≥ 1000	92.7		96.9			97.8										77.9
≥ 900	92.7					97.9		-	-		1				98.0	1
≥ 800	93.0					98.7										
≥ 700	93.0	97.1				98.9									99.0	
≥ 600	93.0		97.8			98.9						99.1				
≥ 500 ≥ 400	93.1	97.3		98.9		99.3		99.7			- 1				99.8	
<u> </u>	93.1	97.3		98.9				99.7							99.9	
≥ 300	93.1	1 1	98.1	1			,				-				100.0	
	93.1		98.1	99.0											100.0	
≥ 100 ≥ 0		97.4				99.4										
L	93.1	97.4	98.1	99.0	77.3	99.4	99.7	99.8	99.8	99.9	100-0	<u> 100 • 01</u>	100.0	100-0	100,00	100-0

TOTAL NUMBER OF OBSERVATIONS

242 72 CUMOX BC DOT APT 54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-116

1	<del></del> -			-			VISI	BILITY (ST	ATUTE MIL	ES)						
CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 ½	≥ 1 1/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.ó
≥ 18000 ≥ 16000	45.6	46.0	1 1		46.6	46.0	46.0	46.0 46.8	46.0	46.8	46.0 46.8	46.0	46.0 46.8	46.0	46.8	46.6
≥ 14000 ≥ 12000	48.6 53.2	53.9	53.9	49.1 53.9	49.1 53.9	49.1 53.9	49.1 53.9	49.1 53.9			53.9	53.9	53.9			
≥ 10000 ≥ 9000	57.3 61.7		62.9		58.4 62.9	58.4		58.4 62.9	58.4 62.9	58.4 62.9	62.9	62.9	58.4 62.9	62.9	58.4 62.9	58.4 62.9
≥ 8000 ≥ 7000 ≥ 6000	65.6 67.6	66.9 69.1 72.4	69.1	66.9 69.2 72.6	66.9 69.2 72.6	66.9 69.2 72.6	66.9 69.2 72.6	66.9 69.2 72.6	66.9 69.2 72.6	66.9 69.2 72.6	69.2	69.2	66.9 69.2 72.6	66.9 69.2 72.6	69.2	59.2
≥ 5000 ≥ 4500	75.9 78.6	78.0	78.0	78.1	78.1	78.1	78.1 80.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 400C ≥ 3500	82.6 87.4	85.3 90.2	85.3		85.6	85.6			85.6 90.6	85.6 90.6		90.6	85.6 90.6	85.6 90.6		90.6
≥ 3000	91.2 92.7		96.1	94.8	96.4	96.4	96.4		96.4	94.8	96.4	96.4	94.8	96.4	96.4	96.4
≥ 2000 ≥ 1800 ≥ 1500	93.1 93.1	96.6 96.9	96.7	97.0 97.3	97.0	97.0	97.0 97.3	97.0 97.0 97.3	97.0	97.0	97.0 97.0 97.3	97.0	97.0	97.0	97.0 97.0 97.3	97.0 97.0
≥ 1200 ≥ 1000	93.1	97.0 97.7	97.1	97.4 98.1		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4		97.4	97.4
≥ 900 ≥ 800	93.3	97.9	98.1	98.4 98.7	98.7		98.7 98.9	98.7	98.7	98.7		98.7	98.7		98.7 98.9	98.7
≥ 700 ≥ 600	93.3 93.3	98.0	98.2	98.8 98.8	99.0	99.0	99.0 99.1	99.1	99.1	99.1	99.1		99.1	99.1	99.0	99.1
≥ 500 ≥ 400 ≥ 300	93.3		98.2	98.9 98.9	99.2	99.2 99.3		99.7 99.8			100.0		100.0	100.0	99.9 100.0 100.0	100.0
≥ 200 ≥ 10C	93.3	98.0	98.2		99.2		99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 0	93.3	98.0		98.9		99.3	99.4								100.0	

54-63

24292 COMOX BC DOT APT STATION NAME

DATA PROCESSING DIVISION

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JUN HONTH 1270-1467 HOURS (LST)

CEILING	1						VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥ 1 1/4	21	≥ ¾	≥ y <sub>0</sub>	: 1/1	: 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	44.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45,1	45.1
≥ 18000	44.9			45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	47.5			46.5	46.5 48.2	46.5	46.5		48.2	46.5		48.2		46.5	48.2	48.2
≥ 12000 ≥ 10000	52.2 57.2	52.8 58.1	52.8 58.1	52.8 58.1	52.8 58.1	52.8 58.1	52.8	52.8 58.1		52.8		52.8 58.1	52.8 58.1	58.1	52.8 58.1	58.1
≥ 9000	60.2	61.1	61.1	51.1	61.1	61.1	61.1	51.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 8000 ≥ 7000	63.5			66.6	66.6		64.4			66.6	64.4	66.6	66.6	66.6	66.6	
≥ 6000 ≥ 5000	68.4 76.3	69.6 77.8		69.6 77.8	69.6 77.8		69.6	,		69.6 77.8		69.6 77.8	69.6	69.6 77.8	69.6	- 1
≥ 4500 ≥ 4000	78.2 83.7	79.7 85.5		79.9 85.7	79.9 85.7	79.9 85.7	79.9 85.7	79.9	79.9 85.7	79.9 85.7	-	79.9 85.7	79.9 85.7	79.9 85.7	79.9 85.7	79.9 85.7
≥ 3500 ≥ 3000	86.5	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	68.9	88.9
≥ 2500	91.1	93.5 95.8		93.9	94.0	94.3	94.0		96.3	96.3		96.3	96.3	94.0	96.3	
≥ 2000	93.6	96.5 96.6		97.1 97.2	97.2	97.2	97.2		97.2	97.2		97.2	97.2	97.2	97.2	97.2
≥ 1500	94.0	97.3	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200 ≥ 1000	94.1	97.4 98.1	97.9 98.7	98.2 99.1	98.3 99.2	99.2	98.3	99.2	99.2	98.3	99.2	98.3 99.2	98.3 99.2	98.3 99.2	98.3	98.3 99.2
≥ 900 ≥ 800	94.5	98.2 98.4		99.2	99.3		99.3			99.3		99.3		99.3	99.3	
≥ 700 ≥ 600	94.7	98.4 98.4		99.6	99.7	99.7	99.7	99.7	99.7	99.7		99.7	99.7	99.7	99.7	39.7 99.7
≥ 500 ≥ 400	94.9	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.9	98.5 98.5	99.2								100.0					
≥ 200	94.9			,							100.0					
≥ 0	94.9			- 1							100.0			1		

TOTAL NUMBER OF OBSERVATIONS

895

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

ALLIED/FGRY BUSINESS SYSTEMS

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 288C!

### CEILING VERSUS VISIBILITY

242-2 COMOX SC DOT APT
STATION NAME
STATION NAME

\_54-63

JUN

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 ⅓	≥ 1 1/4	≥ າ	≥ 3/4	≥ 5/6	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	-			-												
≥ 20000	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
2 12000	50.8	50.9	50.9	50.9	5ú.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 9000	58.0	58.2	58.2	58.2	58.2	58.2	56.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 8000	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6		64.6	64.6	64.6	64.6
≥ 6000	68.7	69.0	69.1	69.1	69.1	69.1				69.1			69.1		69.1	69.1
≥ 5000	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.C			77.0	77.0	77.0		77.0	77.0
≥ 4500	80.6	80.9	81.1	81.2	81.2	81.2	81.2	81.2		81.2	81.2	81.2	81.2	81.2	91.2	81.2
≥ 4000	86.7	87.2	87.4	87.5		87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5		87.5	87.5
≥ 3500	89.7	90.5	90.8	90.9	90.9	90.9		90.9			90.9		90.9		90.9	90.9
≥ 3000	94.0	95.1	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	95.1	96.3	96.6	97.0	97.0	97.0	97.C	97.0	97.0	97.0	97.0	97.0	97.0		97.0	97.0
≥ 2000	95.7	97.0			97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1900	95.7	97.0	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	95.8	97.4	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	95.8	97.4	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98 - 8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	95.9	97.8	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.0
≥ 900	96.3	98.2	99.1	100.0	100. O	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.3	98.2							100.0							
≥ 700	96.3	98.2							100.0							
≥ 600	96.3	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	170.0
≥ 500	96.3	98.2	99.1	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	98.2							100.0							
≥ 300	96.3	-							100.0							1
≥ 200	96.3	98.2							100.0							
≥ 100		98.2	99.1						100.0							
≥ 0	96.3	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	ن و 100

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24292 CUMDX BC DD3 APT 54-63
STATION JAME 54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	.ES)						1
(FEET)	≥ 10	· - ≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥1%	≥ 1	≥ ¾	≥ %	 ≥ y <sub>2</sub>	≥ 5/16	≥ 1/4	i ≥ o
NO CEILING		·			- }										}	- 1
≥ 20000	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43-4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000 ≥ 16000			43.7			43.7	-	43.7		,			- 1	43.7		
	43.8		44.0		44.1							44.0		44.0	44.0	
≥ 14000 ≥ 12000	45.8		, ,			46.0	46.0	46.0			46.0		46.0	- 1	46.0	46.0
≥ 10000	46.4 52.5	48.6 53.1				48.6 53.1		53.1	48.6 53.1		53.1	48.6 53.1	53.1			53.1
≥ 9000	55.G		55.5				55.5		55.5			55.5			55.5	55.5
≥ 8000	59.0						59.6	59.6			59.6	59.6	59.6			59.6
≥ 7000	63.C	64.1		64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1		64.1	64.1
≥ 60 0	67.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 5000	76.3	78.0	78.0	78.1	78.1	78.1	73.1	78.1	78.1	78 - 1	78.1	78.1	78.1	78.1	76.1	78.1
≥ 4500	81.2	83.2	83.2					83.3			83.3	83.3	83.3			83.3
≥ 4000	37.2	89.6		89.9			89.9			89.9		89.9			89.9	89.9
≥ 3500   ≥ 3000	90.7	93.5		1	93.9		33.9			93.9	- 1	- 1	93.9		93.9	93.9
≥ 2500			96.1			96.3	96.3				97.7	96.3	96.3			96.3
≥ 2000	93.5	97.2 91.7	1	97.5 98.1	97.7				- 1	97.7 98.4	-	97.7 98.4	98.4		98.4	
≥ 1800	93.6					98.6		98.6			98.6		98.6			98.6
≥ 1500	93.6					98.6				98.6	-	98.6				98.6
≥ 1200	93.6		98.1	98.3		78.7	98.7	98.7	98.7		98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	93.6	98.0	98.2	98.4	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	93.8	98.4	98.7	98.9	99.2	99.2	99.4	99.4			99.5	49.6	99.6	99.6	99.6	99.0
≥ 800	93.8							99.6			99.7		99.7		99.7	99.7
≥ 700 ≥ 600	93.8					- 1		99.6				99.7	99.7	99.7	99.7	99.7
	93.8						99.6		99.6				99.7		99.7	99.7
≥ 500 ≥ 400	93.8		98.9		99.4			99.7		99.8		99.8	99.8			99.8
≥ 300	93.9		99.0							100.0						
≥ 200	i l		99.1	-	,					100.0						
≥ 100			99.1							100.0						
≥ 0	93.9		99.1	99.3		- 1				100.0	1				1	
			l.			- 1				L L	1				1	

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

24292 CUMOX BC DOT APT STATION NAME 54-53 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MI	LES)			=			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ½	21%	_ 1 ≤	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 18000 ≥ 16000		45.7		45.7	45.7		45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 14000 ≥ 12000	47.0 50.7	47.2	47.2	47.2	47.2		47.2	47.2	47.2	47.2	47.2 50.9	47.2		47.2	47.2	47.2
≥ 10000 ≥ 9000	53.3		53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6		53.6	
≥ 8000 ≥ 7000	58.2 61.9	58.7	58.7	58.7	58.7 62.6	58.7	58.7	58.7	58.7		58.7	58.7	58.7	50.7		58.7
≥ 6000 ≥ 5000	66.0	66.9	66.9	66.9	66.9		66.9	66.9	66.9 76.7	66.9	66.9	66.9		66.9	66.9	66.9
≥ 4500 ≥ 4000	80.9	81.9	81.9	81.9	81.9 59.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9		81.9
> 3500 ≥ 3000	91.0	92.9	93.0	93.0	93.0	93.0	93.0		93.0	93.0	93.0	93.0	93.0			93.0
≥ 2500 ≥ 2000	93.0	95.9	96.0	96.2	96.2	96.4	96.4	96.6	96.6	96.6	96.6 98.2	96.6	96.6	96.6		
≥ 1800 ≥ 1500	93.7	97.2	97.3	97.7	97.8		98.C			98.2	98.2	78.2	98.2	98.2	98.2	98.2 98.6
≥ 1200 ≥ 1000	93.9	97.6	97.8	98.2	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8		98.8	98.8
≥ 900 ≥ 800	93.9	97.6	97.9	98.3	98.6		98.8		99.0	99.0	99.0	99.0	99.0	99.0	99.C	99.0
≥ 700 ≥ 600	93.9	97.6		98.3	98.6	98.8	98.8		99.0	99.0	99.0	99.0	99.0		99.0	99.0
≥ 500 ≥ 400	94.0		98.4	98.9	99.3	99.6	99.7	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9
≥ 300 ≥ 200	94.0		98.6		99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0
≥ 100 ≥ 0	94.0		98.6	99.0	99.4		99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 2880L

### CEILING VERSUS VISIBILITY

24222 COMUX RC DOI API STATION NAME 54-63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-320.

	l I						V!S	BILITY (ST	ATUTE MII	LES)						
CEILING				1	1											
, (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 11/2	≥1%	≥ 1 ;	≥ 3/4	≥ %	≥ y <sub>2</sub>	≥ 5/16	≥ 1/4	≥ 0
t					ļ						· · · · · · · · · · · · · · · · · ·	_ :	:		—- t	
NO CEILING ≥ 20000		[		)		i	i					_				. !
	.66. I									67.5						
≥ 18000										67.7						
≥ 16000	67.0	67.8	67.8							67.8						
≥ 14000	67.4	68.1	68.1	68.1	68.1					68.1					68.1	
≥ 12000	69.2	69.9	69.9	64.9	69.9	69.9				69.9						
≥ 10000	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	13.9	74.7	74.7	74.7	74.7					74.7						
≥ 8000	77.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 7000	81.3	82.4	82.4	82.4	82.4	82.4	82.4	B2.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	83.1	84.2	84.2	84.2	84.2	84.2	84.2	34.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	87.7	88.8	8.86	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	58.8	58.3
≥ 4500	89.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	92.9	95.0	35.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.C	95.0	95.0	95.0	95.0
> 3500	73.8	96.0	96. 3	96.0	96.0	96.0	96.C	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.
≥ 3000	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	94.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.C	97.0	97.C	97.0	97.0	97.0	97.0
≥ 2000	94.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	95.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	95.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	<b>97.</b> 9
≥ 1200	95.5	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98. 3
≥ 1000	35.5	98.5	98.6	98.8	98.8	98.8	38.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	95.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	95.5	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	95.5	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 600	95.5	98.6	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	95.8	98.9	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	25.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.cl
≥ 300	95.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.8	99.1	99.5	99.9	100.6	100.0	130-0	100-0	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0
≥ 100	95.8	99.1	99.5	99.9	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.3
≥ 0	95.8	99.1							-	100.0	1	- 1				

TOTAL NUMBER OF OBSERVATIONS . \_\_\_

925

24292 COMBX BC DOT APT STATION NAME

54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-2501

							VISI	BILITY (ST	ATUTE MIL	.ES}						
CEILING	_															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥ 11/4	≥ 1	≥ ¾	≥ 5/8	= 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	i				-	1		1				1				
≥ 20000	58.8	59.7	59.8	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.3
≥ 18000	58.8	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	59.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.3
≥ 14000	59.9	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	50.9	60.9
≥ 12000	62.4	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	65.3	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	67.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	70.9	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.5
_ ≥ 7000	74.3	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	<b>75.</b> 3
> 6000	76.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	83.0	84.3	84.4	84.4	84.4	84.4	34.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	85.7	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	90.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1
> 3500	91.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4
≥ 3000	92.9	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95,7	95.7	95.8	95.8	95.9	95.9	95.9	95.7
≥ 2500	93.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	95.7
≥ 2000	93.8	96.5	76.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1800	94.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1500	94.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1200	94.4	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1000	94.4	97.3	97.5	97.6	97.6	97.6	97.6	97,6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.3
≥ 900	74.4	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.6	98.0	98.0	98.
≥ 800	94.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.
≥ 700	94.5	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98-4	98.4	98.4
≥ 600	94.5	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.
≥ 500	94.6	98.2	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1
_ ≥ 400	94.9	98.6	98.8	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	94.9	98.7	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100. J
≥ 200	94.9	98.7	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	<u> 100. g</u>	190
≥ 100	94.9	98.7	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	94.9	98.7	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	130. ob	100.0

TOTAL NUMBER OF OBSERVATIONS

\_\_ 936\_\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

54-63

1607-0800 HOURS (EST.)

							VISI	BILITY IST	ATUTE MIL	 FS1					-	
CEILING							*									
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓2	≥ 2	≥ 1 ½	≥ 1 1/4	≥1	≥ 3/4	≥ 1/6	·: 1/2	≥ 5/16	> 1/4	≥ 0
NO CEILING	1															
20000	55.9	56.4	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	>6.6	56.6	56.6	56.6	56.6	56.5
≥ 18000	56.2	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57 . C	57.0	5 <b>7.</b> 0	57.	57.0	57.0	57.5
≥ 16000	56.2	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.0
≥ 14000	57.2	57.7	57.7	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.C
12000	60.4	61.1	61.1	61.2	61.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	64.7	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	66.5	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
> 8000	69.6	70.4	70.4	70.6	70.6	76.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	7:.7	$\overline{7}$ $\zeta$ $\bullet$ $\overline{7}$
≥ 7000	71.6	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.
2 6000	73.8	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
> 5000	79.8	81.8	81.8	81.9	81.9	82.0	82.C	82.0	82.0	82.0	82.0	82.0	82.C	82.0	82.3	82.
≥ 4500	91.7	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	34.1	94.1
> 4000	86.6	89.3	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	39.6	89.6
≥ 3500	88.7	91.6	91.6	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92 · F
≥ 3000	71.0	94.0	94.2	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	34.8
> 2500	92.3	95.7	95.9	96.1	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.0
≥ 2000	92.7	96.3	96.7	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	<b>37.</b> 5
≥ 1800	92.8	96.4	96.8	97.0	97.3	97.6	97.6	97.6			97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	93.1	97.0	97.3	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	23.1	97.2	97.5	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	93.1	97.3	97.6	98.1	98.4	98.7	98.7	98.7	98.7		98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	93.1	97.4	97.8	98.4	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	93.1	97.4	97.8	98.4	98.7	99.0	99.0			99.1		99.1	99.1	99.1	99.1	99.1
≥ 700	93.1	97.4	97.8	98.4	1	99.0	99.0		99-1		99.2	99.2	99.2		99.2	99.2
. ≥ 600	93.2	97.5	98.0	98.5	98.8		99.2		99.4			99.5	99.5		99.5	99.5
> 500	93.3	97.7	98.2	98.9	99.2	99.7	99.7	99.8		99.9		99.9			99.9	
≥ 400	93.3	97.7	98.3	99.0	99.4	99.8								100.0		
≥ 300	73.3	97.7	98.3	1										100.0		
≥ 200	93.3	97.7	98.3	99.0	99.4	99.8								100.0		
≥ 100	93.3		98.3		99.4									100-0		
. ≥ 0	93.3	97.7	98.3	99.0	99.4	99.8	99.8	99.9	99.9	100.0	LOC.C.	[00.0]	100.0	100-0	rac-al	30.

TOTAL NUMBER OF OBSERVATIONS 127

24292 COMOX SC DOT API STATION NAME

54-63

JUL \_\_ 0900-11<u>0</u>...

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	:		-													
CEILING	I						VIS	IBILITY (ST.	ATUTE MIL	.ES)						
(FEET)																
•	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 11/2	≥ 11/4	≥ı	≥ 1/4	≥ 5/0	: Y <sub>2</sub>	-1 5/16	· y,	≥ 0
NO CEILING			+ +													1
20000	ĺ			اً أ												
	61.3		52.3	62.3	62.3	62.3	. <u>62 • ?</u> ,	52.3	62.3	62.3	62.3	62.3	62.3	62.5	62.3	62.
≥ 18000	]	62.5			62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	52.5	62.5
> 16000	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	_63.₌≎	63.0	63.0	63.0	63.0	63.3	63.
≥ 14000	63.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	54.6	64.4
≥ 12000	66.7	67.7	67.7	67.7	67.7	67.7	67.7	57.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	57.7
≥ 10000	72.	73.3	73.3	73.3	73.3	73.3	73.3			73.3				73.3	73.3	73.3
≥ 9000	73.9	75.2	75.2	75.2			75.2			75 - 2		75.2			75.2	75.2
≥ 8000	75.7		77.1					77.1		77.1		77.1			77.1	77.
≥ 7000	78.2			79.8									- 1	79.8		79.3
- 6000	79.6							81.5							81.5	81.5
≥ 5000	84.5				(	86.6					86.6				,	86.0
≥ 4500	86.3					88.7								88.7		88.7
- ≥ 4000	39.8										92.4					92.4
3500	92.0		94.7			94.8										
≥ 3000	92.8	95.5				95.6					95.6	- 1		1	94.8	
≥ 2500	93.2										96.7			96.7	95.6	
≥ 2000	93.3			[		97.2									96.7	96.7
<u>≥ 1800</u>	93.3		97.0					97.3			97.3			97.2	97.2	
1 ≥ 1500	94.0					98.3	98.3				98.3			98.3		97.3
≥ 1200	94.0	97.7									98.5			98.5	98.5	98.
≥ 1000	94.2		1			1								1		99.1
≥ 900	94.3										99.2				99.2	39.
. ≥ 800	94.3				1									1		99.4
≥ 700	24.3													99.6		
≥ 600	94.4													99.7		
> 500	94.4													roc.ci		
ຸ ≥ 400	94.4	98.5												100.01		
<b>→</b> ≥ 300	94.4	98.5												100.01		
≥ 200			98.7											100-01		
. ≥ 100														100.01		
≥ 0	94.4													100.01		
						- e - e Li		<b>.</b>	3 9 9 9 9	<u> </u>	VI		. √.∺. • vI		~ A ■ ~J¥	A F = 71

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_93C\_

LATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 25801

### CEILING VERSUS VISIBILITY

24292 COMOX 3C SUL API

54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 1-145

							VISI	BILITY (ST.	ATUTE MIL	ES)						
CEILING																
(FEET:	≥ 10	≥ 6	≥ 5	≥ 4	≧ 3	≥ 2 ⅓	2.2	3.1%	≥ 1%	≥ 1	e* 3/4	≤ %	: 1/2	± 5/16	> %	≥ 0
NO CEILING					- i		:	i	•	•						
> 20000	63.	64.4	54.2	1.4.5	64.2	64.2	64.2	64.2	64.2	64.2	64.2	44.2	64.2	64.2	.4.2	1.4 - 11
18000	63.2	4	64.2	64.2				~ •	64.2						34.2	66
16000	03.8	64.7	i 1		· ·				64.7			64.7		,		
≥ 14000	65.5								66.0			65.6		65.0	•	66.6
12000	68.2	69.2	1	69.2	69.2				69.2		69.2			69.2	69.21	
> 10000	72.5			73.8	73.8	73.8			73.8		73.8	73.8			7 . 8	
> 9000 °	74.3			75.6	75.6	75.6		- 1	75.6		75.6	75.6	75.6		,	75.6
8000	77.6	78.9		78.9	73.9				78.9		78.9	78.9	78.9	7.71	78.9	
≥ 7000 <sup>1</sup>	80.5	81.9		81.9	81.9				81.9		31.9	81.9	81.5	81.9	8:.3	81. 4
- 6000	82.3	83.7		83.7	83.7		83.7				83.7	83.7	83.7	83.7	53.7	13.7
≥ 5000 ·	87.5	89.0			89.0		89.0			89.0	89.0	89.0	89.0	89.0	89.0	89.
≥ 4500	89.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	20.9	90.9	90.9	90.9	90.9	90.9	90.9	10.0
~ 4000	22.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.	94.3	94.	94.	94.
3500	93.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.5	95.6	95.6	95.5
≥ 3000	94.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	95.1
≥ 2500	94.5	96.3	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	36.
≥ 2000	94.8	97.2	27.2	97.4	97.6	97.6	47.E	97.6	97.6	97.6	97.6	97.6	97.6	91.6	97.6	97.0
7 1800	94.8	97.2	37.2	97.4	97.6	97.6			97.6	97.6	97.6	97.6	97.6		97.6	97.6
i ≥ 1500 ⊦	95.1	97.8		98.1		98.4		98.5		98.5	98.5		98.5		98.5	98
≥ 1200	95.1	98.2	1	98.8			99.4			99.4	99.4	1	99.4			90.4
≥ 1000	75.4								99.9			99.9				99.4
> 900	95.4				99.8				99.9			99.9		99.9		
≥ 800	95.4			99.4	99.9				100.0							
> 700				99.4					100.cp							
L		98.5		99.4	99.9				100.0							
> 500 ≥ 400		98.5		99.4					100.0							
	95.4			99.4					100-0							
≥ 300 ≥ 200	95.4			1	- 1				100.0							
1	95.4		,		29.9				100.0							
≥ 100 ≥ 0			98.8						100.0							
0	95.4	98.5	98.8	29.4	77.7	33.3	100.0		100.0	FAA • AH	. <u> </u>	<u>,</u> ⊌(,U)	igu t • tri	roce il	rode Ol	1 4 <u>0 - 11</u>

TOTAL NUMBER OF OBSERVATIONS

24292 COMEX SC DOL APT STATION NAME

54-63

1500-170

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY ISTATUTE MILEST CEILING  $\geq 10$   $\geq 6$   $\geq 5$   $\geq 4$   $\geq 3$   $\geq 2\frac{1}{2}$   $\geq 2$   $\geq 1\frac{1}{2}$   $\geq 1\frac{1}{2}$   $\geq 1\frac{1}{2}$   $\geq \frac{1}{2}$  (FEET) NO CEILING 20000 ≥ 18000 ≥ 16030 ≥ 14000 12000 ≥ 10000 ≥ 9000 ≥ 9000 6000 ≥ 5000 ≥ 4500 ≥ 4000 > 3500 ≥ 3000 > 2500 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 > 900 > 800 ≥ 700 ≥ 600 \_ ≥ 500 400 ≥ 200 ≥ 100 95.7 98.5 98.6 98.8 99.5 99.5 99.8 99.9 100.0 100 

TOTAL NUMBER OF OBSERVATIONS

920

1210WS JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LLIED/FGRY BUSINESS SYSTEMS

2

24292 COMOX BC DOT AFT STATION NAME

\_54-62

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY ISTA	ATUTE MILE	FS)						
CEILING			,		:											
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	2 2 1/2	. 3	1 1/2	1114	~ 1	-: 3/4	÷ %	: y <sub>2</sub>	<i>-</i> 5/16	·- 1/4	`≥ 0
NO CEILING	• †			:		٠	-	•	•	,	:					•
20000	63.5	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.4	63.9	63.9	62.9	63.9	63.5
> 18000	63.7	63.7	63.7	64.	64.0	64.		64.	64.	64	64.	64.2	64.		64.0	
≥ 16000	64.2	64.2			64.5	64.5		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
· > 14000	65.4	65.4			65.7				65.7	65.7	65.7	65.7	65.7	65.7	65.7	6: . 7
: ≥ 12000	67.8	67.8	67.8						i				68.2	68.2	68.2	68.2
≥ 10000	72.7	72.7	72.7		73.0	73.0		73.	73.0		73.0		73.5		73.3	73.
≥ 9006	74.8	74.8	74.8	75.2		75.2			75.2		75.2		75.2	75.2	75.2	75.2
≥ 8000	76.9	77.0		77.3	77.3	77.3			77.3		77.3	77.3	77.3	77.3	77.3	77.
≥ 7000	80.4	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	82.2	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	32.6	82.6	82.6
≥ 5000	89.6	89.8	89.8	90.1	90.1	96.1	90.1	9C-1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	91.9	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.3
≥ 4000	93.5	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	34.6	94.6	94.6	94.6	94.6	94.0
₹ 3500	94.7	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.0
_ ≥ 3000	96.2	97.3	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	96.3	97.5	97.5	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.i
≥ 2000	96.5	97.7	97.8	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
> 1800	95.5	97.7	97.8	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98 - 4
≥ 1500	96.6	98.2	98.4	98.8	98.8	98.8	98.9	99.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 1200	96.6	98.3	98.5	99.6	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.
≥ 1000	96.7	98.5	98.8	29.5	99.6	99.6			99.8						99.8	99.8
≥ 900	96.7	98.5	98.8	99.5	99.5	99.6			99.8				99.8	,		
≥ 800	96.7	98.5	98.8	99.5	99.6	99.6		99.8		99.8			99.8			99.8
≥ 700	96.7	98.5	98.8	99.5	99.7				99.9				1		99.9	
≥ 600	96.7	98.5	78.8	99.5	99.7	99.7			99.9				99.9		99.9	
≥ 500 > 400	96.7	98.5	98.8	99.5	99.8	99.8								1	roo-oh	
	36.7	98.5	98.8	99.5	99.8	99.8									13C.01	
≥ 300 ≥ 200	96.7	98.5	98.8	99.5	99.8										190 <b>.</b> ep	
	36.7														100.01	
≥ 100	96.7														Loc. of	(C.
_= 0	26.7	98.5	98.8	99.5	99.8	99.8	39.9	100-01	100.01	00.0	LOC O	100.01	100-0	roo-ci	roo-or	<u>.00.</u>

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_ 93C

STAT IN

24-52

MONTH 2100--301

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

4++*										1	~ . i					
		. 6	, ,	4	. 3		. 5	1 1/2	≥ 1 1/4	≥1	≥ 3/4	≥ %	<u>⇒</u> γ₂	≥ 5/16	> 1/4	≥ 0
No.						•		i	i		-				•	
1,1016		4 - 1			40 1	40 1	400		40.1	40.3	40.1	40 1	60 1	أدري	40.1	( ) I
19000															59.1	
1,6000															59.2	
					,										69.3	
14000		. 1							-	70.4		- 1		: I	70.4	- 1
	lia8		71.9												72.1	
> 10000			74.4							74.6				(	74.5	74.5
> 9000	.76.1	76.2	16.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
7000	83.4	83.5	83.5	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
2 6000	R4.9	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
⇒ 5000	90.0	90.4	92.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	91.8	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000			I		- 1					95.1	-			1 1	95.1	
¯ ≥ 3500	34.8									96.1					96.1	
≥ 3000	96.0													-	97.4	- 1
— ≥ 2500	26.0														97.7	
≥ 2000	96.3														98.3	
≥ 1800															98.3	
≥ 1500	96.7				-1										98.9	
≥ 1200	95.9														99.2	
≥ 1000	1				- 1										99.4	1
≥ 900	96.9														99.6	
≥ 800	96.9														99.6	
≥ 700	96.9														99.7	
≥ 600					- 1				- 1			-				
<u>-</u> ≥ 500															99.8	
≥ 400	96.9	98.7			- 1										99.8	- 7
<b>⊢</b>	96.9	98.7													100.0	
≥ 300 . ≥ 200		98.7	(		1	/		/							100.0	
															100.0	
' ≥ 100 ≥ 0	1														100.0	
0 1	26.9	98.7	99.0	49.7	99.9	99.9	99.9	100-0	100.0	100 0	100-0	100.0	100-0	TOC 0	100.0	130 - C

TOTAL NUMBER OF OBSERVATIONS

924

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

ALLIFD/ FGRY BUSINESS SYST

22

24292 COMOX PC UDT APT STATION NAME

54-63

AUG\_\_\_

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-020\_

CEILING							VIS	BILITY (ST.	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ½ !	≥ 1%	2 j	≥ 3/4	> 5/0	: 1/2	 2 5/16	> 1/ <sub>4</sub>	≥ 0
, NO CEILING							1		- !		+	•		i		
≥ 20000	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	61.4		61.7	61.7	61.7	61.7	61.7					61.7	61.7	61.7	61.7	61.7
≥ 16000	61.4	61.7	61.7	61.7	61.7	61.7	51.7					,			61.7	61.7
≥ 14000	62.1	62.4	62.4		62.4	62.4	62.4	62.4	62.4			62.4	-,			62-4
≥ 12000	63.0		63.5		63.5	63.5	63.5									63.
≥ 10000	66.8		67.5	67.5	67.5	67.5	67.5		67.5			67.5	-	67.5	67.5	67.5
≥ 8000	68.1	68.9	68.9 73.7	66.9	68.9	68.9 73.7	68.9 73.7	58.9 73.7	68.9 73.7	73.7		73.7	73.7	73.7	68.9 73.7	73.7
≥ 7000	72.7 75.2	73.7 76.2	76.2	73.7	73.7	76.2	76.2					76.2	-	76.2		76.2
≥ 6000	76.9		78.0	78.0	78.0	78.0	78.0					78.0	78.0	78.0	78.0	78.
≥ 5000	83.5		1 1 1 1	- 1	84.8	84.8	84.8							84.8		84.8
≥ 4500	85.2		86.6	86.6	86.6	86.6	86.6	86.6			86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	89.2	90.8	91.1	91.3		91.4	91.4		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
> 3500	89.9	91.5	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
_ ≥ 3000	91.5		93.5	94.0	94.1	94.1	74.1		94.1			94.1	94.1	94.1	94.1	94.1
≥ 2500	91.8		94.0	94.4	94.5	94.5	94.5					94.5		94.5	94.5	94.5
≥ 2000	93.0			95.7	96.0	96.0	96.0							96.0	96.0	96.0
≥ 1800	93.1				96.3		96.3	ı .						96.3	96.3	96.3
≥ 1200	93.3		95.8 96.2	96.2	96.6	96.7	96.7							96.7	96.7	96.7
≥ 1000	94.0		1000	97.5			98.3	1			98.3				- 1	98.3
⊢≥ <sub>900</sub>	94.0			97.8	98.5		98.6							98.6	98.6	98.6
≥ 800	94.1	1 '	97.5	98.2					-	l .	98.9				98.9	98.9
≥ 700	94.1	97.1	97.5	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 600	94.1	97.3	97.7	98.5	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.1	97.5	98.0	98.7	99.4	99.5	99.5	99.6		99.6					99.6	99.6
≥ 400	94.1	97.5	98.0		99.4	99.6	99.6				99.8		1			99.8
≥ 300 ≥ 200	94.1	97.5		98.8	99.6	i					100.0	- 1	- 1	- 1	1	
-	94.1	97.5		98.8				99.9			100.0	H - 2 7 3				
≥ 100 ≥ 0	94.1	!		98 - 8							100.0					L
	94.1	97.5	98.1	98.8	99.6	99.8	99.8	99.9	99.9	LUU .U	100.0	<u> </u>	100.0	100.0	ran-o	100 • C

TOTAL NUMBER OF OBSERVATIONS ...... 928

24.72 COMUX BC DOT APT 54-63

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING					*		VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ½	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING	j						i								1	
≥ 20000	52.6	52.8	52.8	52.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	2.9	52.4
≥ 18000	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	34.5
≥ 12000	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 10000	59.0	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	61.7	62.0	62.0	62.	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	66.9	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	59.0	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	71.8	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	77.8	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	80.2	80.8	81.0	81.0	81.1	81. !	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	84.2	84.9	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
> 3500	86.1	86.9	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	38.2	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	88.9	90.6	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	90.0	92.2	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	90.0	92.3	93.0	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	73.4	93.4	93.4	93.4
≥ 1500	91.0	93.3	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	91.6	94.2	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	91.6	94.5	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.0
≥ 900	91.8	95.1	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	92.4	95.9	96.9	97.0	97.2	97.3	27.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	92.7	96.3	97.4	97.5	97.7	98.0	95.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	92.8	96.5	97.7	97.8	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.
≥ 500	12.8	96.7	98.0	98.1	98.6	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	92.9	96.8	98.3	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.9	96.8	98.3	98.4	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	92.9	96.8	98.3	98.4	98.9	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	92.9	96.8	98.3	98.4	98.9	99.4	99.5	99.7	99.7	99.9	99.9	99.4	99.9	100.0	100.0	100.
_ ≥ 0	92.9	96.8	98.3	98.4	98.9	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	Lüba J

TOTAL NUMBER OF OBSERVATIONS

24292 CDMGX BC DOT API

54-63 YEARS

AUC.

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- 0600-180.

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓2	≥ 2	≥ 1 1/2	≥ 1%	≥ 1	≥ 1/4	≥ 3/4	≥ 1/2	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	47.7	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000 ≥ 16000	48.0 48.5	48.6	48.6	48.6 49.1	48.7 49.2	48.7		48.7	48.7	48.7	48.7 49.2	48.7			- 1	
≥ 14000 ≥ 12000	50.0 51.3	50.6 52.0		50.6 52.0		50.8 52.2		50.8 52.2	- 1		50.8 52.2	I				
≥ 10000 ≥ 9000	53.5 56.2				54.4 57.1	54.4 57.1	54.4 57.1	54.4 57.1	54.4 57.1	54.4 57.1	54.4 57.1	54.4 57.1	54.4 57.1	54.4 57.1	54.4 57.1	
≥ 8000 ≥ 7000	62.8 65.6			64.3 67.3		64.4		67.4		64.4	64.4	64.4				
≥ 6000 ≥ 5000	67.3 73.4			69.0 75.7	69.1 75.8	69-1 75-8	69.1 75.8	69.1 75.8	69.1 75.8	69 • 1 75 • 8	69.1 75.8	69.1 75.8		1		1
≥ 4500 ≥ 4000	75.9 79.9			78.3 82.9	78.4 83.0	78.4 83.0	78.4 83.0	78.4 83.0		78.4 83.0	78.4 83.0	1		78.5 83.1	78.5 83.1	
≥ 3500 ≥ 3000	81.7	84.5 87.5	88.0	88.2	85.2 88.3		85.2 88.3		88.3	85 - 2 88 - 3	85.2 88.3	85.2 88.3	88-4	88.4	68.4	88.4
≥ 2500 ≥ 2000	86.7 87.6	91.8	92.4	90.4	92.7	90.5 92.7	92.8		92.8	90 · 5 92 · 8		90.5	92.9	92.9	92.9	92.9
≥ 1800 ≥ 1500	68.1 68.4	93.0	93.8	94.0	94.3	93.2		94.5	94.6	94.6	94.6	94.6	94.7	93.4	94.7	94.7
≥ 1200 ≥ 1000 ≥ 900	88.4	94.3	95.2	94.3	95.7	94.6	95.9	94.8	96.0		96.1	94.9 96.1	96.2	95.1 96.2	95.1	95.1
≥ 900 ≥ 800 ≥ 700	88.8 89.0	94.9	95.8	95.7 96.1 96.9	96.5	96.0 96.5	96.3 96.9 98.0	96.5 97.1	96.6 97.2 98.3	96.6 97.2	96.7 97.3 98.4	96.7 97.3 98.4	97.4			97.4
≥ 600	89.5	95.7	96.8		97.5		98.3	98.2 98.5 99.0		98.3 98.7 99.2	98.8	1	98.9			98.9
≥ 400 ≥ 300	89.7	96.1	97.2 97.2	97.6		98.0 98.0	98.9		99.2	99.5	99.6	99.6	99.7		99.7	99.1
≥ 200 ≥ 100	89.7		97.2		98.0	98.0	99.0	29.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	130.0
≥ 0	89.7	-	97.2		98.0	98.0		99.4	99.6	99.8		1	,	100.0		,

TOTAL NUMBER OF OBSERVATIONS 930

24292 COMOX BC DOT APT 54~63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	:						VISI	BILITY (ST	ATUTE MIL	LES)			-			
(FEET)		1	[		i											
,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	€ 2	311/3	≥ 1 1/4	≥1	≥ %	≥ %	≥ V2	≤ 5/16	> 1/4	≥ 0
NO CEILING													- •		+	
> 20000				!		i	- · ·					•				
+	52.5	53.1	53.1				<u>53.1</u>		53.1		53.1	:	53.I		3.1	
≥ 18000 ≥ 16000	53.5	54.2				54.2	/		54.2		54.2	54.2	54.2	54.2	54.2	54.2
-	54.0	54.6				54.6	54.6		54.6		54.6		54.6		54.6	54.6
≥ 14000	54.8	55.5	55.5	55.5	55.5	55.5	55.5	1	- 1	i i	55.5	55.5	55.5		55.5	55 • Sp
≥ 12000	57.2	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	59.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	53.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	66.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
. > 6000	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	75.2	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	77.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
- ≥ 4000	82.0	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
> 3500	84.6		87.8	87.8	87.8	87.8			88.0		88.0	88.0	88.0		88.0	88
≥ 3000	86.3	89.8	. 1	90.2		90.3	90.4			90.4		90.4	96.4			90.4
≥ 2500	88.0	91.5		92.0		92.2		92.4	92.4		92.4	92.4	92.4		92.4	92.4
≥ 2000	89.0	1		43.5	93.7	93.7	93.9	93.9	93.9	,	93.9		93.9	93.9	93.9	93.9
≥ 1800	59.0	93.0	93.3	93.5	93.7	93.7	93.9		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	89.4			94.3	94.7	94.7	1	94.9	94.9		94.9	94.9	94.9	94.9	74.9	94.9
≥ 1200	89.9			95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	90.0		95.7	95.9	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	90.2		96.1	96.3	96.9	96.9	97.5		97.5	97.5	97.5	97.5	97.5		97.5	97.5
≥ 800	90.4			96.8		97.3		98.3	1		98.4	98.4	98.4		98.4	98.4
_ ≥ 700	90.6			97.2	97.7	97.7		98.8	98.9	98.9	98.9	98.9	98.9		98.9	98.9
≥ 600	20.6			97.3	. 1	97.8	f	99.0	1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	90.6		97.1	97.4		98.0	98.9		99.2	99.2	99.2	99.2	39.4	99.2	99.2	99.2
≥ 400	90.6		97.2	97.6		98.2	1	99.4				99.5	99.5		99.5	99.5
≥ 300	90.6			97.6									99.9			
≥ 200	90.6				98.4	96.4								100.0		
≥ 100	90.0				98.4									100.0		
≥ 0	20.6		97.2	97.7		98.4				100.0		100.0		100 0		100
<u> </u>	2.U . O	70.7	7106	7141	70.7	70 9	77.9	_77.	<u> </u>	LOO .	100-0	TO CO US	<u> </u>	PAK = Al	rā A P AR	<u>, V C •</u>

TOTAL NUMBER OF OBSERVATIONS

03.5

1210WS FORM U-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

150523

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28861

### CEILING VERSUS VISIBILITY

24292 COMOX SC DOT API STATION NAME

54-63

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1206-140

CEILING							VIS	- IBILITY (ST.	ATUTE MIL	.ES)			_			
(FEET)	j	≥ 6	≥ 5	· i	-		> 0	< l	:		i					
	≥ 10	= 0	= 5	≥ 4	≥ 3	≥ 2 ½	≥ 2	≥ 1 1/2	≥ 11/4	≥ າ	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ¼	> 0
NO CEILING		[										i				
≥ 20000	36.7	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.4
≥ 18000	57.3	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
16000	58.1	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	58.7	60.3	60.5	60.5	60.5	60.5	50.5	60.5	- 1	60.5		60.5	60.5		60.5	60.5
≥ 12000	6C-2	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2		62.2	62.2
≥ 10000 ≥ 9000	63.0	64.8	65.1	65.1	65.1	65.1	65.1		65-1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
·	65.9	67.7	68.0	<u>68 - Ü</u>	68.0	68.0	68.0	68.0		68.0		68.0	68.0	68.0	68.0	68.0
≥ 8000 ≥ 7000	69.8		71.9	71.9	71.9	71.9	71.9			71.9	- 1	71.9	71.9	71.9	71.9	71.9
≥ 6000	71.1	_73.C	73.2	73.2	73.2	13.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	73.4	75.4	75.6	75.6	75.6		75.6			75.6		75.6	75.6		75.6	75.6
≥ 4500	79.1 81.6	82.0 84.3	84.6	84.7	84.7	82.4	84.7	82.4		82.4	82.4	82.4 84.7	84.7	82.4	84.7	82.4
. ≥ 4000	86.8	89.7	90.0	- · - ·	90.2	90.2	90.2	90.2	90.2	90.2		90.2	90.2		90.2	90.2
> 3500	88.5		91.8	92.3	92.3		92.3		92.3	92.3		92.3	92.3		92.3	92.3
≥ 3000	89.8	93.5	93.9	94.3	94.3	94.4	94.4		94.4	94.4		94.4	94.4	94.4	94.4	94.4
≥ 2500	90.0	94.2	94.6	95.1	95.1	95.2	95.2		95.3	95.3		95.3	95.3		95.3	95.3
≥ 2000	90.6	94.8	95.3	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	90.6	95.1	95.5	96.0	96.0	96.2	96.2			96.3		96.3	96.3	96.3	96.3	96.3
≥ 1500	90.6	95.3	95.7	96.2	96.6	96.8		97.0	97.0	97.0	97.0	i	97.0	97.0	97.0	97.0
≥ 1200	91.0	95.6	96.0	96.6	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	91.2	96.0	96.6	97.1	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	91.2	96.0	96.6	97.1	97.6		98.1	98.2		98.2		98.2	98.2		98.2	98.2
≥ 800	91.4							98.8		98.8			98.8			98.8
≥ 700 ≥ 600	91.6		97.1	97.7	98.3	98.5	99.0			99.2		99.2	99.2	- 1	99.2	99.2
	91.6			97.7	98.3	98.5		99.2		99.2	99.2	99.2	99.2		99.2	99.2
≥ 500 ≥ 400	91.6		97.1		98.4		99.4					99.6	99.6		99.6	99.6
<u> </u>	91.6	-	97.2		98.7	98.9		99.9		99.9		99.9	99.9		99.9	99.9
≥ 300 ≥ 200	91.6		97.3	98.0	98.8	99.0		100.0			100.0					
≥ 100	91.6		97.3 97.3	98.0	98.8 98.8						100.0 100.0					
> 0	91.6	96.5	91.3	98.0	98.8											100.0
L	71.0	ADTO		- YD a LI	70.0	77.11	77.5	I II U a U	I L'Un ill	i i i i i i i	AUU a U	LU G U	LUU.U		LU LI a UI	ULLU

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 930

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

1500-170

VISIBILITY (STATUTE MILES) CEILING  $\geq 10$   $\geq 6$   $\geq 5$   $\geq 4$   $\geq 3$   $\geq 2\frac{1}{2}$   $\geq 2$   $\geq 1\frac{1}{2}$   $\geq 1\frac{$ (FEET) NO CELLING ≥ 18000 ≥ 16000 = 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 ≥ 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 900 ≥ 800 ≥ 700 600 500 300 200 100 90.6 96.6 97.5 97.8 98.3 98.5 99.5 100.6 1

TOTAL NUMBER OF OBSERVATIONS

929

1210WS JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS

2

54-63 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 C= .(.C:

1							VIS	BILITY (ST.	ATUTE MI	LES)						
CEILING			,											=		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓2	≥ 2	≥ 1 ½	≥ 11/4	≥ 1	≥ 3/4	≥ %	≥ y₂	≥ 5/16	≥ 1/4	≥ 0
	' i	{			ļ											
NO CEILING		ļ					į				i	!		l [	Ì	1
20000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.4	53.9	53.9	53.9
≥ 16000	53.7	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	56.8	57.6	57.6	57.6	57.6	57.6	57.6	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.5
≥ 10000	60.7	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	63.0	64.0	64.3	64.0	64.0	64.0	64.0	64.	64.	64.C	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	68.1	70.0	70.0	70.0	70.≎	70.0	70.0	70.0	70.0	70.0	76.0	70.0	70.0	70.0	70.0	70.1
≥ 7000	69.8	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.C	72.0	7	72.0	72.
> 6000	73.1	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3		75.3	75.3
≥ 5000	81.2	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	<u>83.6</u>	83.6	83.6	83.6	83.6	83.6
≥ 4500	84.7	86.9	87.2	67.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
. ≥ 4000	89.1	91.9	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
> 3500	90.4	93.4	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	91.4	94.5	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	91.7	95.0	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	1 ·	96.2	96.2
≥ 2000	92.0	96.1	96.7	97.1	97.3					97.6						97.6
≥ 1800	92.0	96.1	96.7		97.3		- 1				1			1 1		97.6
≥ 1500	92.6	96.8	97.4	97.8	98.1	98.2	98.3	98.3		98.4		98.4				98.4
≥ 1200	92.6	96.8	97.4	-,	98.1	98.2	98.4	1		1		98.5			98.5	98.5
≥ 1000	92.6	97.0		98.2	98.4							98.8			98.8	98.8
> 900	92.6	97.2			98.6	98.7				99.0			99.0		99.0	99.5
≥ 800	92.6		78.1	98.5		98.8	99.0					99.1	99.1		99.1	99-1
≥ 700 ≥ 600	92.6			98.5	1	98.8	99.0				99.1	99.1	99.1	99.1	99.1	99.1
	92.6			98.5								99.4	99.4			99.4
≥ 500 ≥ 400	92.6			98.7	98.9		99.8			99.9			99.9			
<b>⊢</b> .□ 100 <b>→</b>	92.6			98.7	98.9			99.8						100.0		
≥ 300 ≥ 200	92.6			98.7	98.9									100.0	_	
-		97.2												100.0		
j ≥ 100   ≥ 0		97.2												100.0		
[ ≥ 0	92.6	91.2	98.1	98.7	98.9	99.0	99.8	99.8	99.8	100.0	100.0	TOC O	100.0	100-0	100.0	100.0

24292 COMOX BC DOT APT STATION NAME

54-63

A(i.)

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-230

CEILING							VIS	BILITY (ST	ATUTE MII	LES)						
(FEET)				:	1		1	;								
, , , , ,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ½	≥ 11/4	ן ≤	≥ ¾	≥ 5/6	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING				· · i	· į										•	
≥ 20000	59.7	60-0	60.0	600	60	60.0	60.0	60-0	60.0	60.0	60.0	60.0	60.0	60.0	50.0	50.0
≥ 18000	59.7	60.0													60.0	
≥ 16000	59.9		60.2	60.2		1					60.2				60.2	
≥ 14000	61.1	61.5	61.5	61.5				61.5			61.5				61.5	61.0
_ ≥ 12000	62.4	63.0	63.0	63 . U	63.C	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	73.8	75.4	75.4	75.4	75.5			75.5				75.5	75.5	75.5	75.5	75.5
≥ 6000	77.0	78.7	i	78.7	,	,		78.8		78.8				78.8		78.8
≥ 5000	83.7	85.7			86.2						86.3		· · · · · · · · · · · · · · · · · · ·	86.3	86.3	80.3
≥ 4500	85.9		,	-	88.4			88.5					1	88.5		88.5
≥ 4000	89.5	91.8									92.8				92.8	92.8
3500	90.5			93.8	94.3		94.4		-	94.4		94.4	,	94.4	94.4	94.4
≥ 3000	91.3	94.1	94.3				95.5				95.5		95.5		95.5	95.5
≥ 2500 ≥ 2000	91.7	94.6				(	(	- 1		96.0	. ,	96.0	96.0	96.0	96.	96.0
<u></u>	91.7	94.6			96.3		96.4				96.4				96.4	96.4
	91.8			95.8		96.6						96.6	96.6	96.6	96.6	96.6
≥ 1200	92.1	95.4		96.4			97.3				97.3		97.3	97.3	97.3	$\frac{97.3}{98.1}$
≥ 1000	92.1	95.8 96.3	_	96.9 97.5	t t	97.7	98.1 98.8					98.1	98.1 98.8	98.1 98.8	98.1	98.8
≥ 900	92.1	96.3		97.5		98.5					98.9			98.9	98.9	
≥ 800	92.1	96.3	96.7	97.5	98.4	98.5	1	1		98.9			98.9	98.9	98.9	98.9
≥ 700	92.1	96.3	96.7	97.5							99.0		99.	99.0	99.0	99.0
≥ 600	92.1	96.3		97.5							99.0			99.0	99.0	99.
≥ 500	92.1	96.3	96.7	97.5	98.6						99.2		99.2	99.2		99.2
≥ 400	92.1	96.4	96.8					99.5						-	99.5	
≥ 300	92.1	76.6	96.9												100.0	
≥ 200	92.1			- 1											100.0	
≥ 100	92.1														100.0	
≥ 0	92.1		96.9												100.0	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

\_ 928\_

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED' LGRY BUSINESS SYSTEMS

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24292	COMOX BC DOT APT	54-63 YEARS	SI-P
		FREQUENCY OF OCCURRENCE HOURLY OBSERVATIONS)	1007-120 HOURS (LST.)

							VISI	BILITY (ST.	ATUTE MIL	ES)						
CEILING FEETI		:	. 1		2.3											
, irren	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	= 1 1/2	≥ 1 1/4	≥ 1	≥ ¾ ;	≥ 3/0	≥ y,	≥ 5/16	≥ ¼	≥ 0
NO CEILING		+						- 1		i					••	
≥ 20000	49.8	54.2	55.1	55.4	55.5	55.5	15.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8
≥ 18000	49.8	54.2	55.1	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8
₹ 16000	49.8	54.2	55.1	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8
≥ 14000	5C.3	54.6	55.5	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2
> 12000	52.6	57.0	57.9	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	56.5	58.5	58.5	58.5
≥ 10000	57.0	61.7	62.6	62.9	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6
≥ 9000	59.3	64.0	64.9	65.3	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
> 8000	64.1	69.2	70.1	70.4	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2
≥ 7000	67.0	72.6	73.6	74.0	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9
≥ 6000	68.9	74.6	75.6	76.0	76.4	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
≥ 5000	71.1	77.8	79.2	79.8	80.2	80.6	80.7	80.7	80.7	80.7	6 . 7	80.8	80.8	80.8	90.8	80 • c
≥ 4500	72.5	79.8	81.3	82.0	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1
. ≥ 4000	74.5	82.0	83.7	84.4	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8
> 3500	75.4	82.9	84.6	85.4	85.9	86.5	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9
_ ≥ 3000	77.1	85.4	87.3	88.4	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	3C.2	90.
≥ 2500	77.9	86.8	88.9	90.2	91.1	91.6	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1
≥ 2000	78.3	87.3	89.6	90.9	92.2	92.7	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2
≥ 1800	78.3	87.3	89.6	90.9	92.2	92.7		93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3
≥ 1500	78.9	87.9	95.3	91.6	93.0	93.7	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1200	78.9	88.7	91.1	92.6	94.2	,	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5
≥ 1000	78.9	89.2	91.5	93.1	94.7	95.5	96.0			96.0	96.0	96.1	96.1	96.1	96.1	96.1
≥ 900	79.0	89.5		93.4		96.2	96.6		96.6	96.6	96.6	96.8	96.8	96.8	96.8	96 • 8
≥ 800	79.	89.5		93.4	95.5		96.8		96.8		97.1	97.2	97.2		97.2	97.2
≥ 700	79.≎	89.5	91.8	93.5	95.8		97.4		97.4	97.4	97.8	97.9	97.9	97.9	97.9	97.9
≥ 600	79.0	89.6	92.0	93.6	95.9					97.8	98.1	98.2	98.2	98.2	98.2	98.2
≥ 500	79.0	89.6	92.0	93.6	96.1	97.0	- 1	98.0	98.0	98.0	98.3	98.4	98.5	98.5	98.5	98 • 5
≥ 400	79.1	89.7	92.1	93.7	96.4	97.3	98.2	98.3	98.3	98.3	98.7	98.8	98.9		98.9	98.9
≥ 300	79.1	89.7	92.1	93.7	96.4			98.4	98.4		98.9	99.0	99.3	99.3	1	99.3
≥ 200	79.1		76.1	93.7					98.7	98.7	99.1	99.2	99.6			
≥ 100		89.7		93.7		97.3										
≥ 0	79.1	89.7	92.1	93.7	96.4	97.3	98.4	98.5	98.7	98.7	99.1	99.2	99.6	99.6	99.7	(hi) •

YEARS

2429: COMBA BC DOT APT 54-63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1316 - 753 -

≥ 9000       58.3       62.4       63.2       63.6       64.4       64.7       54.7       64.7       64.8								VISI	BILITY (ST	ATUTE MIL	ES)						_
No CELLING 200000 SC.1 53.5 54.2 54.5 55.3 55.3 55.3 55.3 55.3 55.4 55.4				1		1											-
20000   5C.   53.5   54.2   54.5   55.3   55.3   55.3   55.3   55.3   55.3   55.4   55.4   55.4   55.4   55.4   55.8   56.1   216000   50.1   53.5   54.2   54.5   55.3   55.3   55.3   55.3   55.3   55.5   55.5   55.4	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	2 1 1/2	≥ 1 1/4	2-1	≥ 1/4	≥ 1/4	₹ ½	<b>≟</b> 5/16	≥ ¼	≥ 0
20000   5C.   53.5   54.2   54.5   55.3   55.3   55.3   55.3   55.3   55.3   55.4   55.4   55.4   55.4   55.4   55.8   56.1   216000   50.1   53.5   54.2   54.5   55.3   55.3   55.3   55.3   55.3   55.5   55.5   55.4	NO CELLING				!	- ;						;				_ ·	
≥ 18000		50.1	53.5	54.2	54.5	55.3	55.3	55 - 3	54.3	55.3	55.4	44.4	55.4	F % 4	5 ii 4	LF Q	S. A. 1
≥ 16000	≥ 18000													55.4	5. 4		36.T
≥ 12000       52.2       55.7       56.5       57.0       57.7       57.7       57.7       57.7       57.7       57.7       57.8       57.9       57.9       57.7       57.7       57.7       57.7       57.7       57.7       57.7       57.7       64.8       62.0       62.0       62.4       62.4       64.8       64.8       64.8       64.8       64.8       66.9       65.9       56.9       56.9       56.9       56.9       56.9       56.9       56.9       56.9       56.9       56.9       56.9       56.9       56.9       56.9       57.9       57.9       57.9       72.1       72.1       72.1       72.1       72.1       72.1       72.1       72.2       72.2	≥ 16000	50.2	53.6	54.3	54.6		55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5			
≥ 10000		50.5	54.1	54.7	55.1	55.8	55.8	55.8	55.8	55.8	56 . 0	56.0	56.0	56.1	56.0	36.4	56.5
≥ 9000 58.3 62.4 63.2 63.6 64.4 64.7 54.7 64.7 64.8 64.8 64.8 64.8 64.8 65.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3	≥ 12000	52.2	55.7	56.5	57.0	57.7	57.7	57.7	57.7	57.7	57.8	57.6	57.8	57.8	57.8	58.3	58.5
≥ 8000 61.4 66.2 67.0 67.4 68.2 68.5 68.5 68.5 68.5 68.6 68.6 68.6 68.6			59.5	€0.3	60.7	61.5	- 1	L.		61.8	62 . C	62.0	62.0	62.	62.0	52.4	62.6
≥ 7000 64.5 69.5 7C.3 7G.7 71.6 72.0 72.1 72.1 72.2 72.2 72.2 72.2 72.2 72.2	<del></del>					$\overline{}$						· · ·		64.8	64.8	65.3	65 · 3
≥ 6000   65.4   70.6   71.9   71.9   72.9   73.2   73.3   73.3   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.9   74.1   73.2   73.2   73.2   73.3   73.3   73.3   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.4   73.8   74.1   73.2   73.2   74.1   74.1   74.1   74.1   74.1   74.1   74.1   74.2   74.5   74.5   74.6				2011								68.6		68.6	68.6		44.
≥ 5000 68.6 74.3 75.4 76.1 77.1 77.4 77.5 77.5 77.6 77.6 77.6 77.6 77.6 78.1 78.2 ≥ 4500 70.1 78.3 80.2 80.9 82.1 82.4 82.5 82.6 82.6 82.8 82.9 82.9 82.9 82.9 82.9 83.3 63.5 ≥ 3500 72.7 79.0 81.2 81.9 83.2 83.5 83.6 83.8 83.8 83.9 84.0 84.0 84.0 84.0 84.0 84.0 84.0 84.0	<del></del>					-						72.2		72.2	72.2		
≥ 4500						1						73.4	73.4	13.4			
≥ 4000       72.1       78.8       80.2       8C.9       82.1       82.4       82.5       82.6       82.8       82.9       82.9       82.9       82.9       82.9       82.9       82.9       82.9       82.9       83.3       93.3       93.5         ≥ 3000       72.7       79.0       81.2       81.9       83.2       83.5       83.8       83.9       84.0       86.0       86.0       86.1       86.1       86.1       86.1       86.1       86.1       86.1       86.1       86.1       86.1       87.7       87.8       87.8       87.8       87.8       87.8       87.8       88.9       89.0       89.1       89.1       89.1       89.1       89.1       89.1       89.1	<del></del>			1221									( [ • fi	11.6			<u> </u>
≥ 3500       72.7       79.0       81.2       81.9       83.2       83.5       83.6       83.8       83.9       84.0       86.0       86.0       86.1       86.1       86.1       86.0       86.1       86.1       86.2       86.3       86.3       86.3       86.3       86.8       87.7       87.8       87.8       87.8       87.8       87.8       87.8       87.8       87.8       87.8       87.8       87.8       88.2       88.4       88.9       89.1					- 1							i i					76.06
$ \begin{array}{c} \geq 3000 \\ \hline 74.1 \\ \hline 81.5 \\ \hline 82.4 \\ \hline 84.2 \\ \hline 85.5 \\ \hline 85.5 \\ \hline 85.9 \\ \hline 86.0 \\ \hline 86.1 \\ \hline 86.1 \\ \hline 86.1 \\ \hline 86.1 \\ \hline 86.2 \\ \hline 86.3 \\ \hline 86.4 \\ \hline 86.1 \\ \hline 87.0 \\ \hline 88.0 \\ \hline 88.0 \\ \hline 88.0 \\ \hline 89.0 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.9 \\ \hline 90.0 \\ \hline 90$																	
≥ 2500 74.9 82.9 84.8 85.7 87.0 87.3 87.4 87.5 87.7 87.8 87.8 87.8 87.8 87.8 88.2 88.4 75.2 83.9 85.8 86.7 88.7 88.3 88.5 88.9 89.0 89.1 89.1 89.1 89.1 89.1 89.5 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6																	
≥ 2000       75.7       83.9       85.8       86.7       88.1       88.3       88.5       88.9       89.0       89.1       89.1       89.1       89.1       89.1       89.1       89.1       89.1       89.1       89.1       89.1       89.5       99.8       99.8       99.8	≥ 2500																
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 2000	75.2	83.9	85.8	86.7					L	1						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		75.3	84.2	86.1	87.0	88.5	88.8										
≥ 1000 76.1 86.1 88.4 89.8 92.1 92.5 93.0 93.4 93.5 93.8 93.8 93.8 93.8 93.8 94.2 94.4 9 900 76.3 86.4 88.9 90.3 93.2 93.7 94.1 94.5 94.5 94.7 94.9 94.9 94.9 94.9 95.3 95.3 95.0 76.3 86.4 89.0 90.7 93.5 94.1 94.5 95.0 95.0 95.1 95.7 95.7 95.7 95.7 96.1 96.3 97.0 76.3 86.4 89.0 90.7 93.9 94.4 94.9 95.4 95.6 95.7 96.2 96.2 96.2 96.2 96.2 96.7 96.9 96.0 76.3 86.4 89.0 90.7 93.9 94.4 94.9 95.4 95.6 95.7 96.0 96.6 96.6 96.6 96.6 97.0 97.2 96.0 76.3 86.5 85.1 90.8 94.0 94.5 95.1 95.8 95.9 96.0 96.6 96.6 96.6 96.6 97.0 97.2 96.0 76.3 86.5 85.1 90.8 94.2 94.8 95.4 96.2 96.3 96.6 97.1 97.1 97.4 97.4 97.9 9-1	≥ 1500	75.6	84.8	86.7	87.9	69.5	90.4	90.2	90.7	90.7	8.09	90.9	90.9	90.9	90.9	91.3	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		76.0	85.8	88.0			91.7	92.1	92.5	92.5	92.7	92.8	92.8	92.8	92.8	93.2	43.4
$ \stackrel{\geq}{=} 800  \begin{array}{c} 76.3  86.4  89.0  90.7  93.5  94.1  94.5  95.0  95.0  95.7  95.7  95.7  95.7  96.1  96.3 \\ \stackrel{\geq}{=} 700  76.3  86.4  89.0  90.7  93.9  94.4  94.9  95.4  95.6  95.7  96.2  96.2  96.2  96.2  96.7  96.9 \\ \stackrel{\geq}{=} 600  76.3  86.5  80.1  90.8  94.0  94.5  95.1  95.8  95.9  96.0  96.6  96.6  96.6  96.6  96.6  97.0  97.2 \\ \stackrel{\geq}{=} 500  76.3  86.5  89.1  90.8  94.2  94.8  95.4  96.2  96.3  96.6  97.1  97.1  97.4  97.4  97.9  97.1 \\ \stackrel{\geq}{=} 500  76.3  86.5  89.1  90.8  94.2  94.8  95.4  96.2  96.3  96.6  97.1  97.1  97.4  97.4  97.9  97.1 \\ \stackrel{\geq}{=} 500  76.3  86.5  89.1  90.8  94.2  94.8  95.4  96.2  96.3  96.6  97.1  97.1  97.4  97.4  97.9  97.1 \\ \stackrel{\geq}{=} 500  76.3  86.5  89.1  90.8  94.2  94.8  95.4  96.2  96.3  96.6  97.1  97.1  97.4  97.4  97.9  97.1 \\ \stackrel{\geq}{=} 500  76.3  86.5  89.1  90.8  94.2  94.8  95.4  96.2  96.3  96.6  97.1  97.1  97.4  97.4  97.9  97.4  97.9  97.1 \\ \stackrel{\geq}{=} 500  76.3  86.5  89.1  90.8  94.2  94.8  95.4  96.2  96.3  96.6  97.1  97.1  97.4  97.4  97.9  97.4  97.9  97.1 \\ \stackrel{\geq}{=} 500  76.3  86.5  89.1  90.8  94.2  94.8  95.4  96.2  96.3  96.6  97.1  97.1  97.4  97.4  97.9  97.4  97.9  97.1  97.4  97.4  97.9  97.4  97.4  97.9  97.4  9$	⊢													93.8	93.8	94.2	94.4
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						i	- 1			L			,		1		
$\stackrel{\geq}{=}$ 600 $\stackrel{\uparrow}{=}$ 76.3 86.5 87.1 90.8 94.0 94.5 95.1 95.8 95.9 96.0 96.6 96.6 96.6 96.6 97.0 97.2 $\stackrel{\uparrow}{=}$ 500 76.3 86.5 69.1 90.8 94.2 94.8 95.4 96.2 96.3 96.6 97.1 97.1 97.4 97.4 97.9 97.1	-																
$\geq 500  76.3  86.5  69.1  90.8  94.2  94.8  95.4  96.2  96.6  97.1  97.4  97.4  97.9  99.1 $					- 1		1	1				- 1		1			
1000 0000 0000 7400 7400 7700 9000 9101 9101 9104 9104 9104 9104	-																
		76.4		89.2	90.0	94.8		1					98.2	98.6			
2 400 76.4 86.7 89.2 93.9 94.8 95.3 96.6 97.3 97.4 97.7 98.2 98.6 98.6 98.6 99.0 39.2 2 300 76.4 86.7 87.2 90.9 95.0 95.6 96.9 97.7 97.8 98.1 98.7 98.7 98.7 99.0 99.0 99.4 99.7	> 300																
≥ 200 76.4 86.7 89.2 90.9 95.6 97.0 97.8 97.9 98.3 98.9 98.9 99.2 99.2 99.7 99.9	1					1		- 1			1			-		_1	
≥ 100 76.4 86.7 89.2 90.9 95.6 95.6 97.0 97.8 97.9 98.3 98.9 98.9 99.2 99.2 99.7 99.3	≥ 100																
≥ 0 76.4 86.7 89.2 90.9 95.0 95.6 97.0 97.8 97.9 98.3 98.9 98.9 99.2 99.7 1.CC.	_≥ 0																

TOTAL NUMBER OF OBSERVATIONS

. 899\_

24292 CDMOX EL COT APT STATION NAME

<u> 54-65</u> ....

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY (ST.	ATUTE MILE	ES)						
CEILING		:														
(FFET:	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1½	≥ 11/4	≥ 1	≥ 3/4	-> 5/e	< ½	2 5/16	≥ 1/4	≥ 0
								- ;			1					
NO CEILING	i		i	1	•			1		1	į					
20000	. <u>45.</u> 9		48.9			49.8										
≥ 19000	46.0	49.0		50.0					50.4			50.4			50.7	
≥ 16000	46.3	49.3				5. 6			50.6	50.8					51.0	
≥ 14000	47.0	50.0	50.4	-1.1	51.1						1	51.6				52.
≥ 12000	48.8	52.2	52.7	53.3	53.4			54.1	54.1	54.2	54.4		54.6	54.6	54.7	54.3
≥ 10000	51.5	55.2	55.7	56.3	56.6	56.9	57.1	57.4	57.4	57.6	57.8	57.8	57.9	57.3	58.1	58.3
≥ 9000	52.0	56.6	57.0	57.7	58. U	58.3	58.6	59.0	59.0	59.1	59.3	59.3	59.4	59.4	59.7	59.5
' ≥ 8000	56.2	60.3	60.9	61.7	62.	62.3	62.6	63.1	63.1	63.2	63.4	63.4	63.6	63.6	63.8	64.
7000	58.3	63.3	63.9	65.C	65.3	65.7	65.9	56.4	66.4	66.6	66.8	8.60	66.9	66.9	67.1	67.3
> 6000	59.7	65.0	65.7	66.8	67.3	67.7	67.9	58.4	68.4	68 . 6	56.8	68.9	68.9	68.9	69.1	69.3
> 5000	62.4	68.6	69.3	70.4	71.3	71.9	72.1	72.7	72.7	72.8	73.0	73.	73.1	73.1	73.3	73.6
> 4500	63.3	69.8	70.6	71.7	72.6	73.1	73.3	73.9	73.9	74.0	74.2	74.2	74.3	74.3	74.6	74.8
≥ 4000	64.7	71.4	72.3	73.9	74.8	75.4	75.8	76.3	76.3	75.6	76.8	76.8	76.9	76.9	77.1	77.3
3500	36.4	73.6	74.8	76.7	77.8	78.4	78.8	79.4	79.4	79.7	79.9	79.9	80.0	80-0	86.2	5 4
≥ 3000	67.1	74.9	76.4	78.6	79.9	85.6	30.9	81.6	81.6	81.8	82.0	82.0	82.1	82.1	82.3	82.5
→ ≥ 2500	57.7	76.C	77.7	79.9	81.3	82.0	82.3	83.0	83.0	83.2	83.4	83.4	83.6	83.6	83.8	84.
≥ 2000	68.	76.8	78.6	81.0	82.6	83.3	83.7	84.4	84.4	84.7	84.9	84.9	85.1	85.1	85.3	85.5
> 1800	68.4	77.2	79.0	81.6	83.1	84-0	84.3	35.1	85.1	85.3	85.6	85.6	85.8	85.8	86.0	85.2
≥ 1500	69.1	78.1	80.1	82.8	85.	86.C	86.4	87.2	87.2	87.7	87.9	87.9	88.1	88.1	98.3	88.6
≥ 1200	69.1	78.4	80.8	84.0	86.6	87.6	88.3	89.1	89.1	89.8	90.0	90.0	90.2	90.2	90.4	90.7
⇒ 1000	69.2	79.2	82.0	85.6	88.4	89.4	90.2	91.0	91.0	91.9	92.3	92.3	92.7	92.7	92.9	93.1
> 900	69.3	79.7	82.4	86.2	89.3	90.3	91.2	92.0	92.0	92.9	93.3	93.3	93.7	93.7	94.3	94.2
≥ 800	69.4	79.8	82.7	86.4	90.0	91.0	91.9	92.8	92.8	93.7	94.2	94.2	94.6	94.6	94.9	95.1
> 700	69.4	79.9	82.9	86.7	90.3	91.3	32.2	93.2	93.2	94.1	94.7	94.7	95.0	95.0	95.3	95.0
> 600	69.4	79. 3	82.9	86.8	90.6	91.6	22.6	93.8	93.8	94.7	95.2	95.2	95-6	95.6	35.9L	95.1
≥ 500	69.4	80.0	83.0	87.1	91.2	92.3	93.4	95.0	95.0	95.9	96.6	96.6	96.9	96.9	97.2	97.4
≥ 400	69.4	86.2	83.3	87.7	91.9	93.0	94.1	95.7	95.7	96.7	97.3	97.3	97.7	97.7	98.2	96.4
≥ 300	69.6	80.4	63.6	87.9	92.1	93.2	94.3	95.9	95.9	97.0	97.8	97.8	98.2	98.2	98.8	99.
. ≥ 200	69.0	80.4	83.6	87.9	92.1	93.2	94.3	96.0	96.0	97.3	98.1	98.1	98.6	98.7	99.6	0.
≥ 100						93.2							98.6	98.7	99.6	
5 0	64.6	80.4	83.6	87.9	92.1	93.2	94.3	96.0	96.0	97.3	98.1	98.1	28.6	98.7.	99.60	وثوْ.

TOTAL NUMBER OF OBSERVATIONS

900

GATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24792 .. COMOX HC LOT API STATION NAN.

.54<u>-63</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

51 27 MONTH

- \$ ( = 1 ) 1

HUURS (L S T )

							V151	BILITY (ST	ATUTE MIL	ESI						
CEIUNG																
(FEET)	≥ 10	≥ 6	≥ 5	- 4	≥ 3	2.2%	? 2	2 1 1/2	≥ 1%	≥ 1	≥ 1/4	< 5/a	* 1/4	: 5:16	- 1/	≥ 0
			_ •					- 1/1	- 1 /4	•	74	- 71	- 13	. 5 ,0	. /4	_ 0
NO CEILING		·				•		i	i			•			•	
≥ 20000	45.4	45. 4	48.7	49.	49.1	49.1	40 1	40 1	49.1	49.3	49.3	49.3	49.4	49.4	49.4	40 4
≥ 18000	46.0					49.9				50.1		5 1 1	50.2		50.2	50 •
≥ 16000				50.1	53.2					50.7	50 • <b>7</b>	50.7			F 0	
'- ≥ 14000	46.1					5.02	50.2	<u> 50.4</u>					5 <u>C • 8</u>	50.8	7 O	6.3
≥ 12000	47.7	50.9		51.7	51.8	51.8	51.8		52.0	52.2	52.2	52.2		52.3		- 1
<u> </u>	49.8		-3.5	<u>53.8</u>	53.9	53.9	23.9	54.1	54.1	54.3	54.3	54.3	54.5	54.5	54.5	
≥ 10000	52.4	56.3	56.8	57.1	57.2	57.3	5 <b>7.</b> 5		57.7	- 1	57.9	57.9	58.0j	58.0	58.0	· P •
≥ 9000	54.2	5ĉ.4	58.8	59.1	59.4	59.4	59.7	59.9	59.9	67.1	0.1	60.1	60.2	6 . 2	0 2 2	5
≥ 8000	57.8	62.6	63.0	63.4	63.7	63.9	54.3	64.5	€4.5	64.7	64.7	64.7	64.B	64.8	54.8	54.9
≥ 7000	50.2	65.5	66.1	66.5	66.8	67.0	67.4	57.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67. 1
> 6000	61.4	66.6	67.3	67.6	68.0	68.3	68.6	59.0	69.	69.3	69.3	69.3	69.4	69.4	69.4	67.4
≥ 5000	62.7	68.9	69.8	70.2	73.7	76.9	71.3	71.8	71.8	72.0	72.0	72.	72.2	72.2	12.2	72.
≥ 4500	64.6		71.7	72.2	72.7	72.9	73.3		73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.4
≥ 4000	66.9	73.9	74.8	75.3	75.8	76.1	1			77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 3500	68.4	75.9		77.4	78.3	78.5			79.5			51 . CI	80	30.1		1.
≥ 3000				79.5	1						82.4	- i	1 11	82.5	82.5	32
 ≥ 2500	69.3					81.0						82.4				
1 ≥ 2000	70.5			81.3	82.6	83.3	83.6	64.3		84.7	84.9		85.U	85.0	85.	85.
	71.3		82.1	83.2	84.7	85.5	85.9		86.5	87.0	37.1	67.1	87.2	87.2	87.	87.
≥ 1800 ≥ 1500	71.4			83.3	84.9	85.7	-	86.7			87.3	87.3			57.4	87.4
F -	71.7	81.i	83.1	84.2	86.3			88.3	88.3	88.8	88.9	88.9	89.0	89.0	89.0	89.
≥ 1200	71.8	81.6	83.6	84.9	87.3	88.4	88.8	89.4	89.4	90.0	90.1	90.1	90.2	90.2	30.2	70.
: ≥ 1000	71.8	81.8	84.0	85.5	88.0	89.2	89.6	90.3	90.3	90.9	91.0	91.0	91.1	91.1	91.1	<u>91.1</u>
> 900	72.0	82.1	84.4	86.0	88.6	89.9	90.3	91.0	91.0	91.5	91.6	91.6	91.8	91.8	91.8	~1
≥ 800	72.5	82.9	85.4	87.1	90.4	91.8	92.3	93.2	93.2	93.8	93.9	93.9	94.0	94.0	94.0	44.0
_ ≥ 700	72.8	83.4		88.1	91.8		93.9		94.8	95.3			95.5	95.5	95.5	
≥ 600	72.9		96.7	88.6	92.3		24.5	95.4		96.0	96.1	- 1	96.2	96.2	90.2	96.2
≥ 500	73.1	84.0		89.3	93.4		95.7				97.4				47.0	
≥ 400	73.3			89.8	94.1		96.8		97.9	98.8			99.0	1	99.1	99.1
≥ 300										99.0					99.3	99.3
≥ 200	73.3		i	,	94.1	-	1			1	99-1	1			-	
	73.3			89.8	94-1	95.7	97.0		98.1	99 • 0	.99-1	99-1	99.7		99.9	<u>99. /</u>
≥ 100 ≥ 0	73.3		1				97.C		98.1		99.2	99.2			100 <b>-0</b> 1	-
[_ = _ U	73.3	84.4	87.6	69.8	94.1	95.7	21.C	98.1	98.1	99.0	99.2	99.2	99.8	99.80	loo.ch	100 • U

TOTAL NUMBER OF OBSERVATIONS

898

24232 CUNOX SC DOT API STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE

54-63

(FROM HOURLY OBSERVATIONS)

1276-146

VISIBILITY (STATUTE MILES) CEILING  $\geq 10$   $\geq 6$   $\geq 5$   $\geq 4$   $\geq 3$   $\geq 2\%$   $\geq 2$   $\geq 1\%$   $\geq 1\%$   $\geq 1$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$   $\geq 1\%$ NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 > 3500 ≥ 3000 \_\_ ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 ≥ 900 ≥ 800 ≥ 700 ≥ 600 500 300 200 100

TOTAL NUMBER OF OBSERVATIONS

24292 COMOX BC DOI APT STATION NAME

54-63

:500-<u>.7:</u>

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	.ES)						
(FEET)	1		1		i		1	1								
. (1001)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ i ¼	≥ 1	≥ ¾	≥ %	≥ y <sub>2</sub>	≥ 5/16	≥ ¼ .	≥ 0
NO CEILING					- i	· - · - ·								i	t	
: ≥ 20000	46.7	53.9	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.6	51.8	51.8
≥ 18000	47.3		51.7	51.7						52.4						
≥ 16000	48.0							,	53.0					,	53.0	
≥ 14000	49.8		54.1	54.1	54.8			54.9	54.9		54.9			54.9	54.9	
≥ 12000	52.0	56.3		56.5		1			57.3		57.3	- 1		57.3	57.3	57.3
≥ 10000	56.3	60.9		61.1	61.8		62.0		62.1	62.1	62.1	62.1	62.1	+	62.1	62.1
≥ 9000	58.9	63.9	64.1	64.1	64.8	65.0		65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	62.4	67.5	67.7	67.8	68.5	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	58.9	68. 4
≥ 7000	64.1	69.3	69.5	69.6		70.6	70.6	70.7	70.7	72.7	70.7	70.7	70.7	70.7	70.7	7 7
≥ 6000	65.2	70.9	71.2	71.3	72.0	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 5000	69.5	75.9	76.3	76.6	77.5	77.9	78.0	78.3	78.3	78.3	78.3	78.	78.3	78.3	78.3	78.3
≥ 4500	71.1	77.8	78.3	78.5	79.4	79.8	79.9	80.2	80.2	80.2	80.2	80.2	10.2	80.2	30.2	80.2
≥ 4000	74.1	81.7	82.3	82.5	83.4	83.9	84.0	84.4	84.4	84.4	84.4	84.4	34.4	84.4	84.4	84.4
≥ 3500	75.8	84.1	84.8	85.2	86.3	86.3	87.1	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.
≥ 3000	77.8	85.7	67.6	88.3	89.i	89.6	89.9	90.4	90.4	90.6	90.6	91.6	90.7	90.7	30.7	90.7
≥ 2500	78.5	87.6	88.5	88.9	90.1	90.7	91.3	91.8	91.8	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 2000	79.€	88.8	89.8	90.7	92.0	92.6	93.3	94.1	94.1	94.5	94.5	94.5	94.6	94.6	94.6	94.0
≥ 1800	79.0	88.8	89.8	90.7	92.2	92.7	93.4	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1500	79.3	89.5	90.6	91.6	93.0	93.6	94.3	95.1	95.1	95.5	95.5	95.5	95.6	95.6	95.6	95.0
≥ 1200	79.4	89.6	90.7	91.7	93.2	93.7	94.4	95.3	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.3
≥ 1000	79.4	89.6	90.7	91.7	93.5	94.1	94.8	95.9	95.9	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 900	79.5	89.7	90.8	91.8		94.2			96.0			96.4	96.5	96.5	96.5	96.5
_ ≥ 800	79.5	89.8	20.9	91.9		94.3	95.3		96.5	97.0	97.0	97.0	97.1	97.1	97.1	
≥ 700	79.5	89.8	90.9	91.9	93.7	94.4	95.4	96.6	96.6		97.1	97.1	97.2	97.2		37.2
≥ 600	79.6	90.0	91.1	92.2	93.9	94.6	96.0	97.2	97.2	97.6				97.8	<b>37.8</b>	97.8
≥ 500	79.7	90 • 1	91.4	92.5	94.3	95.1	97.1	98.3	98.3	99.0	99.1	99.1	99.2	99.2	99.2	35.2
≥ 400	79.7		91.4		94.5	95.1	97.1			99.3	99.4		99.7		99.7	
≥ 300	79.7	90.1	91.4	92.5	94.3	95.1	97.1	98.5	98.5	99.7	99.8	99.8	100.c/:	100.0	100 <b>.0</b> 0	100•il
≥ 200	79.7		91.4	92.5	94.3	95.1		98.5	98.5		99.8				130.0	
≥ 100		90.1					,			99.7		99.8	i	,		
≥ 0	79.7	90.1	91.4	92.5	94.3	95.1	97.1	98.5	98.5	99.7	99.8	99.8	100.0	100-0	rso-op	100.0

TAL NUMBER OF OBSERVATIONS

492

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CIED/FGRY BUSINESS SYSTEMS

g

242'2 \_ COMOX 6C COT APT STATION NAME

54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							V1SI	BILITY (ST.	ATUTE MIL	ES)						
CEILING (FEET	≧ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	2	1 1/2	≥ 1%	≥ 1	≥ 1/4	÷ %	: 1/2	: 5/16	> 1/4	_ ≥ o
NO CEILING 20000	46.5	49.9	` ∍0.3!	50 <b>.4</b>	50.ε	51.0	51.6	ا.		51.0	51.0	51.0	51.	51.6	51.^	-1 •
≥ 18000 ≥ 18000	46.8		50.6	50.7	51.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
> 14000	48.9	52.3	~~~;	52.	51.9 53.2	52.1 53.5	52.1 53.5	53.5	53.5	52.1. 53.5	52.1 53.5	52.1 53.5	52.1	53.5	52.1	52.1
12000	51.5		55.5		-1	56.1			56.1	- 1	56.1	56.1	56.1	56.1	56.1	
≥ 10000	57-1	1	61.4			62.4	62.4	62.4	62.4		- 1	62.4	62.4	62.4	62.4	62.4
⊢ ≥ 8000	59.4 63.6	63.3	63.7.	69.3	69.8	70.1	64.7.	54.7 10.1	70.1			64.7 70.1	64.7 70.1	64.7 70.1	70.1	54.7 70.1
≥ 7000	67.1	72.3			73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	
≥ 6000 . ≥ 5000 .	68.3	74.0	:	1	75.6	76.3	76.2		,		76.2	76.2	76.5		76.5	76.5
- 3000 > 4500	73.3	79.4 80.7		80.9	82.7	81.8	82.0	82.0	82.0	82.0	83.5	82.0 83.5	82 - 3 83 - 7	82.3	83.7	82.5 d3.7
3 4000	75.6	83.4	84.3		85.5	85.9		86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1
≥ 3500 ≥ 3000	76.8		86.3		87.5	87.9	88.4		88.7	88.7	88.7	88.7	89-1	89.1	89.1	89.1
- > 2500	77.9 78.2	86.7	89.0	89.1	89.7 90.6	$\frac{90.3}{91.2}$	91.0	91.5	91.5		91.5	91.5	92.9	91.9	91.9	91.9
2000	i	88.2	90.0	91.0		92.3			93.9				i	94.2	94.2	94.2
≥ 1800 ≥ 1500	78.7	88.5	90.3	91.4		92.7	93.4		94.3		94.3	94.3	94.6	94.6	94.6	94.6
1200	79.0	89.1	90.6	92.3		94.1	94.3		95.2		95.9	95.2		95.5	95.5	95.5
> 1000	79.2	89.4	91.3	92.6	93.9	94.4	95.5	96.5	96.5	96.5	96.5	96.5	96.9	96.9	96.9	96.9
> 900 ≥ 800	79.2	89.5		92.7	94.0	94.5	95.6	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0
- 800 ≥ 700	79.2	89.6	91.4	93.4 93.1	94.2	94.8	96.3	97.1 97.5	97.1	97.1	97.1 97.5	97.1	97.4	97.4	97.4	
> 600	79.2	89.6		93.1	94.5	95.2	96.7			98.0	98.0	98.0	98.3	98.3	98.3	98.3
≥ 500 ≥ 400	79.	89.7	91.6	93.2	94.6	95.3	96.8	98.1	98.1	98.2	98.2	98.2	98.5	98.5	98.5	98.5
≥ 300	79.2	89.7	91.7 91.7	93.3	94.9	95.5 95.5	97.0 97.1	98.5	98.5	98.8	98.9	98.9	99.2	99.2	99.2	99.2
≥ 200	79.2		91.7	93.3	94.9	95.5	97.1	98.8		99.2	99.3	99.3	99.9	,	99.9	
≥ 100 ≥ 0	79.2			93.3	94.9	95.5			98.8		99.3	99.3		99.9	- 6	
- U	79.2	89.7	91.7	93.3	<del>94.</del> y	95.5	97.1	98.8	98.8	99.2	99.3	99.3	99.9	99.9	99.9	100-0

TOTAL NUMBER OF OBSERVATIONS 396

DATA PROCESSING UTVISION ETAC, USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24292 COMOX EC DOT APT STATION NAME

54-63

SEP\_\_

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21:0-301

CEILING							VISI	BILITY (ST	ATUTE MIL	.ES)						1
(FEET)		i i	. 1	Ī	1						1					
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/3	≥ 2	≥ 1 1/2	≥ 1%	≥ 1	≥ 3/4	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING					1	- ·			· · · · · · i	1	· ·			i		
≥ 20000	49.7	53.2	54-1	54.9	54.9	55.1	55.5	55.5	55.5	55 - 5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000		53.2									55.5			55.5	55.5	55.5
16000 ≥	_	53.5	- 1				55.7							55.7	55.7	55.7
≥ 14000	50.6	~ ~ -	55.0		55.8		56.4							56.4		56.4
≥ 12000	53.7	57.4	58.3	f	ſ		59.6					59.6	59.6	59.6	59.6	59.6
≥ 10000	59.3	63.4	64.4	65.4	65.5		66.1					66.1	66.1	66.1	65.1	66.1
≥ 9000	61.8	66.1	67.1	68.1	68.2	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	66.2	71.2	72.3	73.3	73.5	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	68.6	73.7	74.8	75.8	76.0	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	16.5
> 6000	69.8	75.7	76.8	77.8	78.0	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	76.8	78.8	78.3
≥ 5000	73.4	79.8	81.1	82.1	82.6	83.0	83.4	93.4	83-4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	74.2	80.7	82.1	83.3	83.7	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	76.5	83.5	85.4	86.6	87.2	87.6	97.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	28.2
≥ 3500	76.8	84.4	86.4	87.8	88.4	88.8	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	77.3	85.5	87.8	89.5	90.1	96.5	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	77.8	86.3	88.6	90.5	91.i	91.6	92.4	92.7	92.7	92.9		92.9	- 1	92.9	92.7	92.9
≥ 2000	77.9	86.8	89.4			93.1		94.3		94.5	94.6	94.6	94.6	94.6	94.5	94.0
≥ 1800	77.9	86.9	R9.5		72.6	93.3		94.5		94.8		94.9		94.9	94.9	94.5
≥ 1500	78.6				93.5	94.3			95.6					96.0		96.
≥ 1200	78.6			93.0	93.9	94.8		96.2	96.2			96.5	96.5	96.5	96.5	96.5
≥ 1000		88.2	90.7		9 <u>4.8</u>		96.5			97.4		97.5			97.5	<u> 37.5</u>
≥ 900	78.7		91.0		₹5.U	95.9	-	97.7	. (			98.0	98.0		98.0	98.
≥ 800	78.7	80.3	91.0		95.1	96.0	96.9	97.8	97.8			98.2		98.2	98.2	98.2
≥ 700	78.7		91.0	94.0	95.2	96.1			98.1						98.8	98.8
≥ 600	78.7					96.1			98.2			98.9			98.9	98.9
≥ 500	78.7					96.1			98.2					_	99.0	99.
≥ 400	78.7						97.4					99.3		99.3		99.3
≥ 300	78.7						97.4			99.3		99.8			99.9	99.3
≥ 200	78.7	1	91.1								99.8					
≥ 100	78.7	88.4	31.1	94.1							99.8					
_ ≥ 0	78.7	89.4	91.1	94.1	95.5	96.4	97.4	98.8	98.8	99.3	99.8	99.8	99.9	99.9	99.9	100.U

TOTAL NUMBER OF OBSERVATIONS .\_\_\_\_\_ 596

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

24292 COMOX BC DOT AP1 STATION NAME

54-63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-																•	_
	CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						'
	(FEET:	1		]					1								
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	= 1 1/2	≥ 1%	≥ 1	≥ 1/4	≥ %	≥ %	<i>≟</i> 5/16	≥ V <sub>4</sub>	≥ 0 ∣
· N	O CEILING	·			· · · ·	·· •	+	:	İ			i					
	≥ 20000	30.6	32.8	33.1	22 7	34.4	34.8	35 4	34 0	34 -	24 5	36.6	36.6	37.0	27	37.6	أنفت
;	≥ 18000	30.9	33.7	33.3		34.6				36.2		36.8	36.8	37.2		37.8	
	≥ 16000	31.1	33.2	33.5	34.1	34.8	35.3	35.8	36.5	36.5	36.9		37.0	37.4	37.4		- 1
,	≥ 14000	32.8	34.9	35.3	35.8	36.6	37.0	37.5	38.2	38.2	38.6	38.7	38.7	39.1	39.1	39.8	
	≥ 12000	34.7	37.2	37.5	38.2	38.9	39.4	39.9	40.5	40.5	41.0	41.1	41.1	41.5	41.5		_
s	≥ 10000	39.2	42.4	43.0	43.8		44.9	45.5	46.1	46.1	46.8	46.9		47.3	47.3	48.0	
	≥ 9000	40.6	43.9	44.5	45.3	46.0	46.5	47.3	48.0	48.0		48.7		49.1	49.1		
+-	≥ 8000	43.8			49.2		50.5	51.4		52.0		52.9	52.9	53.3		54.0	54.4
	≥ 7000	45.1	49.9	50.6	51.6	52.5	52.9	53.8	54.4		55.2	55.3	55.3	55.7	55.7	56.3	56.6
-	≥ 6000	46.6			53.8	54.7	55.3	56.1	56.9	56.9	57.7	57.8	57.8	58.3	58.3	58.9	
	≥ 5000	50.3	56.6	58.4	59.8	61.2	61.7	62.7	63.4	1	64.3	64-4	64.4	64.8	64.8		
-	≥ 4500	52.4	59.2	61.4	63.0	64.4	64.9	65.9		66.8	67.6		67.7	40 )	68.2	68.8	
	≥ 4000	56.3	64.2	66.7	68.4	70.0	70.5	71.5	72.4	72.4	73.2	73.3	73.3	73.8		74.4	74.0
+	> 3500	57.4		68.6	70.3	71.9		73.7			75.5	75.6	75.6	76.0		76.7	17.1
	≥ 3000	58.8	68.2	71.1	72.9	74 6	75.5	76.6	77.5	77.5	78.5	78.6	78.6	79.0	79.0	79.7	8: 1
-	≥ 2500	59.7	69.7	72.7	74.7	76.6		78.9		79.9		81.0		81.4	81.4	82.3	62.5
	≥ 2000	60.9	71.5	74.8	77.0	78.8	i	81.2	82.2	82.2	83.1	83.2	83.2	83.7		64.3	94.7
-	≥ 1800	61.3	72.0	75.4	77.6	79.5		81.8	82.8		83.8		83.9	84.3	84.3	84.9	85.4
	≥ 1500	62.0	73.4	76.9	79.4	81.6	82.8	84.0	84.9	84.9	85.9	86.0		86.5	86.5	87.1	87.5
-	≥ 1200	62.9	74.9	78.7	81.2	83.4		85.9	86.9		88.0	88.1	88.1	88.5	88.5	89.1	1.9.6
	≥ 1000	62.9	74.9	79.1	81.6	84.2	85.5	86.9	87.8		89 .C	89.1	89.1	89.6	89.6	90.3	92.8
<u> </u>	≥ 900	63.1	75.4	79.6	82.0	84.6		87.4	88.4	88.4	89.6	89.7	89.7	90.1	90.1	90.9	
	≥ 800	63.3	76.1	82.4	83.0	85.8	87.2	88.8	89.8	89.8	91.0	91.1	91.1	91.5	91.5	92.3	2.7
F	≥ 700	63.	76.6		84.2	87.1	88.6	90.3	91.3	91.3	92.5	92.6	·	93.0	93.0	93.8	
j	≥ 600	63.8	77.4		85.2	88.1	89.6	91.4	92.4	92.4	93.5	93.7	93.7	94.1	94.1	94.8	
-	≥ 500	63.9		82.5	85.8	89.1	90.8	93.0	94.1	94.0	95.2	95.3	95.3	95.7	95.7		96.7
i	≥ 400	64.1	78.1	83.0	86.6	89.9	91.5	93.8	24.7	94.7		96.0	96.0	96.5	96.5	97.2	
•	≥ 300	64.1	78.1	83.0	86.7	90.1	91.7	94.1			96.2		96.5		97.0		
	≥ 200	64.1	78.1	83.0	86.7	90-4	92.0	94.4				97.1		27.6			
	≥ 100	64.1	78.1	83.0								,			97.6		
	≥ 0	54.1	78.1	83.0	86.7	90-4	92-0	94.4	95.4	95.4	96.6	97-1	97.1		97.6	. 1.	130.5
_						-4443						-4.2 A A.	4 L# A.	2110	21 E W.		

TOTAL NUMBER OF OBSERVATIONS

930.-

ETAC, USAF ASHEVILLE, N. C. 2880) 24292 COMOX HC DOT API STATION NAME

DATA PROCESSING DIVISION

#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

54-63

0300-1501

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						/
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ½	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ ½	- ≥ 5/16	≥ ¼	≥ 0
NO CEILING												. ,		- :		
≥ 20000	29.7	31.2	31.7	32.6	33.7	33.9	34.5	34.7	34.8	35.3	35.3	35.5	36.0	36.0	36.6	37.0
≥ 18000	29.7	31.3	31.8	32.7			34.6		34.9		35.4	35.6		36.1	36.7	
1 ≥ 16000	29.8	31.4	31.9	32.3	33.9	34.1	34.7	34.9	35.1	35.5	35.5	35.7	36.2	36.2	36.8	
≥ 14000	30.5	32.2	32.7	33.5	34.6	34.8	35.5	35.7	35.8	36.2	36.2	36.5	37.0	37.0	37.5	38.
≥ 12000	32.9	34.5	35.1	35.9	37.0	37.2	37.8	38.1	38.2	38.6	38.6	38.8	39.4	39.4	39.9	40.0
≥ 10000	36.3	38.4	39.2	40.1	41.2	41.4	42.3	42.5	42.6	43.0	43.0	43.2	43.8	43.8	44.3	44.7
≥ 9000	37.5	39.7	40.5	41.4	42.5	42.7	43.5	42.8	43.9	44.3	44.3	44.5	45.1	45.1	45.6	46.
> 8000	41.2	44.3	45.6	46.5	47.6	47.8	48.7	48.9	49.0	49.7	49.7	49.9	50.4	50.4	51.0	51.4
≥ 7000	42.6	46.5	48.0	48 8	50.0	50.2	51.1	51.3	51.4	52.0	52.0	52.3	52.8	52.8	53.3	53.8
≥ 6000	43.5	47.6	49.2	50.1	51.3	51.5	52.5		52.8		53.4	53.7	54.2	54.2	54.7	
≥ 5000	46.6	51.4	53.1	54.1	55.3	55.5	56.7	56.9	57.0	57.7	51.7	58.0		58.5	59.0	<u>59.2</u>
<sup>1</sup> ≥ 4500 . ≥ 4000	48.3	54.1	55.8	56 - 8	58.0	58.2	59.4	59.6	59.7	60.4	60.4	60.6	61.2	61.2	51.7	62.2
<u> </u>	51.5	59.	60.9	61.8	63.0	63.3	64.5		64.8	65.6	65.6	65.8		66.3	66.9	
≥ 3500 ≥ 3000	53.	61.1	62.9	63.9	65. L	65.4	66.6	66.8	66.9	67.6	67.6	67.8	68.4	68.4	58.9	
<del></del>	56.3	65.6	67.6	68.9	70.3	70.6	72.C	72.3	72.4	73.1	73.2	73.4	74.0	74.0	74.5	74.9
≥ 2500 ≥ 2000	57.8	67.8	70.1	71.4	72.9	73.2	74.8	75.1	75.2	75.9	76.C	76.2	76.9	76.9	77.4	
i	59.1	69.9	72.4	73.7	75.3	75.6	77.2	77.4	77.5	78.3	78.4	78.6	79.2	79.2	79.8	
<sup>1</sup> ≥ 1800 ≥ 1500	59.4	70.2	72.7	74.0	75.6	75.9	77.5		77.8	78.6	78.7	78.9		79.6	80.1	80.5
<u>i</u>	59.8	71.6	74.2	75.5	77.4	77.7	79.4	79.6	79.7	80.4	80.5	80.8	81.4	81.4	81.9	
≥ 1200 ≥ 1000	61.0	73.4	76.2	77.7	80.1	80.4	82.C			83.1	83.2	83.4	84.1	84.1	84.6	- 1
- ≥ 900	61.9	74.8	78.0	79.5	82.0	82.4	84.3	84.5	84.6	85.4	85.5	85.7	86.3	86.3	86.9	<del></del>
≥ 800	62.0	75.4		80.2	83.0	83.3	85.4	85.7	85.8	86.6	86.7	86.9	[	87.5	88.1	88.5
≥ 700	62.3	75.8		81.2	84-1	84.5	86.6			87.8	88.0			90.4	89.4 91.0	,
≥ 600	62.7 62.8	76.6 77.4		82.4	85.5 86.8	86.0	88.1	88.5 89.8		89.5 90.8	89.6	89.8	90.4	91.7	92.3	1
≥ 500	63.0	78.0		84.7	88.0		90.9			92.3	92.4	92.6		93.3	93.9	
≥ 400	63.1	78.1		85.3	88.5	89-1		92.0		93.0		93.3	94.1	94.1	94.7	
≥ 300	63.1	78.1		85.6			92.6		93.2	94.1	94.3	94.5		95.3		96.5
≥ 200	63.2	78.2				_	93.0			94.6		95.3		96.0		97.5
≥ 100	63.2	78.2		85.8					93.8	94.7		95.6		96.3	97.4	
≥ 0	63.2		82-0	85.8	89.0	89.9	93.0			94 - 7	95.4	95.6	1	96.5	1	130.1
	<u> </u>	TUEE		U-7 a 51		U 7 6 7	7.4 <b>9</b> U.	7.201.	7 -1 6 ()	7701	1/07		2.48.21	Z V 9 Z 1	Z ¥ 9. 5.1	r www

TOTAL NUMBER OF OBSERVATIONS

24232 COMOX SC DOI API STATION NAME

54-63

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO CERLING   26.   26.   28.   28.   28.   29.   29.   29.   29.   29.   30.   30.   30.   30.   31.   32.   28.   28.   28.   29.   29.   29.   29.   29.   29.   30.   30.   30.   30.   30.   31.   31.   32.   32.   31.   31.   32.   32.   32.   32.   33.	CEILING		<del></del>					VIS	BILITY (ST	ATUTE MIL	ES)						
20000   26.5   21.2   28.4   28.8   29.4   29.4   29.7   29.9   29.5   29.5   30.1   30.1   30.9   30.9   31.3   32.6   21.0   26.6   28.3   28.5   28.9   29.5   29.5   29.8   30.0   30.0   30.0   30.2   30.2   30.2   31.0   31.0   31.4   32.1   21.4   20.0   26.6   28.3   28.5   28.9   29.5   29.5   29.8   30.0   30.0   30.0   30.0   30.2   30.2   30.2   31.0   31.0   31.4   32.1   21.4   21.6   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5   21.0   21.5		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ⅓	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
26.6 28.3 28.5 28.9 29.5 29.5 29.8 30.0 30.0 30.0 30.2 30.2 31.0 31.0 31.4 32.3 ≥ 16000 26.6 28.3 28.5 28.9 29.5 29.8 30.0 30.0 30.0 30.2 30.2 30.2 31.0 31.0 31.4 32.3 ≥ 14000 27.5 29.2 29.8 30.2 30.8 30.8 31.1 31.3 31.3 31.3 31.4 31.6 32.4 32.4 32.4 32.5 22.7 32.7 32.7 33.4 33.4 33.4 33.9 35.2 ≥ 10000 32.5 34.3 34.8 35.3 35.9 35.9 36.3 36.6 36.6 36.8 37.1 37.1 37.8 37.8 38.4 39.8 ≥ 9000 34.2 36.6 37.2 37.7 38.4 38.4 38.9 39.1 39.1 39.1 39.7 40.4 40.4 40.4 41.9 42.4 ≥ 2.2 42.2 42.8 43.0 43.0 43.2 48.5 48.5 49.2 49.2 49.8 51.2 ≥ 7000 38.7 42.2 43.2 46.1 44.8 44.8 45.6 45.8 45.8 46.0 46.3 46.3 47.1 47.1 47.1 47.6 49.1 ≥ 8000 40.4 44.1 45.2 46.2 47.0 47.0 47.0 47.7 48.0 48.0 48.2 48.5 48.5 49.2 49.2 49.2 49.8 51.2 ≤ 5000 43.2 48.1 49.2 50.3 51.2 51.2 51.2 52.2 52.2 52.4 52.7 52.7 53.4 53.4 54.4 54.6 55.4 ≤ 50.0 47.3 53.7 54.9 56.6 57.2 57.3 58.1 58.1 58.3 58.3 58.5 58.8 68.8 59.7 59.7 60.2 61.2 ≥ 3000 52.6 60.8 62.8 64.3 66.3 66.3 66.2 67.0 67.2 67.2 57.3 58.1 58.3 58.3 58.3 58.5 58.6 58.8 59.7 59.7 60.2 61.2 ≤ 2000 55.9 65.1 57.7 58.9 60.3 60.4 61.2 61.4 61.4 61.6 61.9 61.9 62.8 62.8 63.3 64.3 ≥ 2000 55.9 65.1 57.7 58.9 60.3 60.4 61.2 61.4 61.4 61.6 61.9 61.9 62.8 62.8 63.3 64.3 ≥ 2000 55.9 65.1 57.7 58.9 60.3 60.4 61.2 61.4 61.4 61.6 61.9 61.9 62.8 62.8 63.3 64.3 ≥ 2000 55.9 65.1 57.7 58.9 60.3 60.3 60.4 61.2 61.4 61.4 61.6 61.9 61.9 62.8 62.8 63.3 64.3 ≥ 2000 55.9 65.1 57.7 58.9 60.3 60.4 61.2 61.4 61.4 61.6 61.9 61.9 62.8 62.8 68.3 64.3 66.1 66.2 67.0 67.2 67.2 67.5 67.8 67.8 68.7 68.7 68.7 69.2 71.5 71.5 71.5 71.5 71.7 71.7 71.7 71.7	NO CEILING	. –							1	1			- 1				
26.66   28.3   28.5   28.9   29.5   29.5   29.8   30.0   30.0   30.0   30.2   30.2   31.0   31.0   31.4   32.0     26.66   28.3   28.5   28.4   29.5   29.5   29.8   30.0   30.0   30.2   30.2   30.2   31.0   31.0   31.4   32.0     21.000   27.5   29.2   29.8   30.2   30.8   30.8   31.1   31.3   31.3   31.4   31.6   31.6   32.4   32.4   32.4   32.4   32.2     28.64   30.3   30.9   31.3   31.8   31.8   32.2   32.4   32.4   32.5   32.7   32.7   33.4   33.4   33.9   35.3     210000   32.5   34.3   34.8   35.3   35.9   35.9   36.3   36.6   36.8   37.1   37.1   37.8   37.8   38.4   39.8     2000   34.2   36.6   37.2   37.7   38.4   38.4   38.9   39.1   39.1   39.4   39.7   39.7   40.4   40.4   41.0   42.4     28000   37.1   39.9   40.9   41.5   42.2   42.2   42.8   43.0   43.0   43.2   43.5   43.5   44.3   44.8   46.8     27000   38.7   42.2   43.2   44.1   44.8   44.8   45.6   45.8   45.8   45.8   46.0   46.3   47.1   47.1   47.1   47.6   49.4     24000   40.4   44.1   45.2   46.2   47.0   47.0   47.7   48.0   48.0   48.2   48.5   48.5   49.2   49.2   49.8   51.2     24000   43.1   48.1   49.2   56.3   51.2   51.2   51.9   52.2   52.2   52.4   52.7   52.7   53.4   53.4   54.5   55.4     24000   47.3   53.7   54.9   56.4   57.2   57.3   58.1   58.3   58.3   58.5   58.8   58.8   59.7   59.7   60.2   61.6     24000   47.3   53.7   54.9   56.4   57.2   57.3   58.1   58.3   58.3   58.5   58.8   58.8   59.7   59.7   60.2   61.6     25000   54.3   62.9   65.2   66.9   68.8   69.0   70.0   70.2   70.2   70.5   70.9   70.9   71.7   71.7   72.3   73.7     25000   54.3   62.9   65.2   66.9   68.8   69.0   70.0   70.2   70.2   70.5   70.9   70.9   71.7   71.7   72.3   73.5     25000   54.3   62.9   65.2   66.9   68.8   69.0   70.0   70.2   70.5   70.9   70.9   70.9   71.7   71.7   72.3   73.5     25000   54.3   62.9   65.2   66.9   68.8   69.0   70.0   70.7   70	≥ 20000	26.5	25-2	28.4	28_8	29.4	29.4	29.7	29.9	29.	29.9	30.1	3C.1	30.9	30.9	31.3	32.6
16000   26.6   28.3   28.5   28.9   29.5   29.8   30.0   30.0   30.0   30.2   31.6   31.6   31.6   31.6   32.4   32.5   32.6	> 18000		28.3	28.5													
27.5 29.2 29.8 30.2 30.8 30.8 31.1 31.3 31.3 31.4 31.6 31.6 32.4 32.4 32.6 34.1 21000 28.8 30.3 30.9 31.3 31.8 31.8 32.2 32.4 32.4 32.5 32.7 32.7 33.4 33.4 33.4 33.9 35.2 32.7 32.7 33.4 33.4 33.4 33.4 33.9 35.2 33.5 35.9 36.3 36.6 36.8 37.1 37.1 37.8 37.8 38.4 39.8 39.0 32.5 34.3 34.8 35.3 35.9 35.9 36.3 36.6 36.8 37.1 37.1 37.8 37.8 38.4 39.8 39.0 37.1 37.8 37.8 38.4 39.8 39.1 39.1 39.4 39.7 39.7 40.4 40.4 41.0 42.4 2.4 2.8 43.0 43.0 43.0 43.0 43.5 43.5 44.3 44.3 44.8 46.8 2.7 80.0 37.1 39.9 40.9 41.5 42.2 42.2 42.2 42.8 43.0 43.0 43.0 43.5 43.5 44.3 44.3 44.8 46.8 46.0 2.7 80.0 40.4 44.1 45.2 46.2 47.0 47.0 47.7 48.0 48.0 48.2 48.5 48.5 49.2 49.2 49.2 49.8 51.2 50.0 44.4 44.1 45.2 46.2 47.0 47.0 47.7 48.0 48.0 48.2 48.5 48.5 49.2 49.2 49.2 50.3 51.2 51.2 51.9 52.2 52.2 52.4 52.7 52.7 53.4 53.4 54.5 54.5 55.0 57.4 40.0 47.3 53.7 54.9 56.6 57.2 57.3 58.1 58.3 58.3 58.5 58.8 58.5 59.7 59.7 60.2 61.6 2.8 40.0 47.3 53.7 54.9 56.6 57.2 57.3 58.1 58.3 58.3 58.5 58.8 58.8 59.7 59.7 60.2 61.6 2.8 40.3 40.3 62.9 65.2 60.9 68.8 69.0 70.0 70.2 70.2 70.5 70.9 70.9 71.7 71.7 72.3 73.1 73.4 74.3 74.3 74.3 74.8 76.2 2000 55.4 66.8 66.7 69.2 71.3 71.6 72.6 72.8 72.7 72.7 73.1 73.4 73.4 74.3 74.3 74.8 76.2 2000 59.6 66.8 69.2 71.1 73.1 73.4 74.9 75.4 78.3 78.3 78.5 80.8 80.8 81.2 81.7 81.7 82.8 82.2 83.9 84.8 81.8 82.9 82.9 83.8 83.8 84.4 85.8 80.8 81.2 81.7 81.7 82.6 82.6 83.2 84.4 85.5 80.8 81.7 81.7 82.0 88.8 88.8 88.8 89.9 89.9 89.9 89.9 90.5 91.5 400 59.7 73.4 77.7 82.0 85.8 87.1 89.8 89.1 89.1 89.4 90.8 91.0 91.8 92.5 92.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93	≥ 16000										1		30.2	31.0	31.0	31.4	32.7
21000 28.6 30.3 30.9 31.3 31.8 31.8 32.2 32.4 32.5 32.7 32.7 33.4 33.4 33.9 35.2 210000 32.5 36.3 36.6 36.6 36.6 36.6 36.8 37.1 37.8 37.8 37.8 38.6 39.6 39.6 39.00 14.2 36.6 37.2 37.7 38.4 38.4 38.9 39.1 39.1 39.4 39.7 39.7 40.4 40.4 41.0 42.4 2.8 8000 37.1 39.9 40.9 41.5 42.2 42.2 42.8 43.0 43.0 43.0 43.5 43.5 44.3 44.3 44.3 44.8 46.8 45.6 45.8 45.8 46.0 46.3 46.3 47.1 47.1 47.6 49.1 2.8 8000 40.4 40.1 45.2 46.2 47.0 47.0 47.7 48.0 48.0 48.0 48.2 48.5 48.5 49.2 49.2 49.8 51.2 50.0 43.2 48.1 49.2 50.3 51.2 51.2 51.9 52.2 52.2 52.4 52.7 52.7 53.4 53.4 45.4 55.4 55.5 55.5 56.0 57.4 54.00 47.3 53.7 54.9 56.1 57.7 58.9 60.3 60.4 61.2 61.4 61.4 61.4 61.6 61.9 62.8 62.8 63.3 64.7 30.0 52.6 66.8 62.8 64.8 66.1 66.2 67.0 67.2 67.2 67.2 67.8 67.8 67.8 68.7 68.7 69.2 70.2 2000 55.9 65.1 67.4 69.1 71.2 71.5 72.5 72.7 72.7 73.1 73.4 74.3 74.3 74.3 74.8 76.2 2000 56.8 66.7 69.2 71.3 71.5 72.5 72.7 74.9 75.9 75.9 77.7 77.3 78.1 20.0 57.6 68.0 79.9 73.1 75.8 78.3 78.7 79.1 77.5 77.5 77.5 77.5 78.0 68.7 69.2 71.3 73.1 73.1 73.4 74.3 74.3 74.3 74.8 76.2 2000 57.6 68.6 67.2 67.5 67.2 67.5 67.2 67.5 67.2 67.5 67.2 67.5 67.2 77.7 77.3 78.3 78.3 78.3 78.3 78.3 78.3	≥ 14000	27.5	29.2	29.8	30.2	30.8	30-8	31.1	31.3			31.6	31.6	32.4	32.4	32.6	34-1
≥ 10000 32.5 34.3 34.8 35.3 35.9 35.9 36.3 36.6 36.8 37.1 37.1 37.8 37.8 38.4 39.6 9000 34.2 36.6 37.1 37.7 38.4 38.4 38.4 38.9 39.1 39.1 39.4 39.7 39.7 40.4 40.4 40.4 41.0 42.4 42.6 37.0 38.7 42.2 43.2 44.1 44.8 44.8 45.6 45.8 45.8 46.0 43.2 43.5 43.5 44.3 44.3 44.8 46.8 45.6 45.8 45.8 46.0 46.3 46.3 46.3 46.3 46.3 46.3 46.3 46.3	≥ 12000	28.6		30.9	31.3	31.8	31.8	32.2	32.4	32.4	32.5	32.7	32.7	33.4	33.4	33.9	35.3
2 9000 34.2 36.6 37.2 37.7 38.4 38.4 38.9 39.1 39.1 39.1 39.7 39.7 40.4 40.4 41.0 42.4 28.8 37.1 39.9 40.9 41.5 42.2 42.2 42.8 43.0 43.0 43.2 43.5 43.5 44.3 44.3 44.8 46.8 46.2 37.1 39.9 40.9 41.5 42.2 42.2 42.8 43.0 43.0 43.2 43.5 43.5 44.3 44.3 44.8 46.8 46.8 46.8 46.3 46.3 47.1 47.1 47.6 49.1 47.6 49.1 47.1 47.6 49.1 47.1 47.6 49.1 47.1 47.6 49.1 47.1 47.6 49.1 47.1 47.6 49.1 47.1 47.6 49.1 47.1 47.6 49.1 47.1 47.6 49.1 47.1 47.1 47.6 49.1 47.1 47.1 47.6 49.1 47.1 47.1 47.6 49.1 47.1 47.1 47.6 49.1 47.1 47.1 47.6 49.1 47.1 47.1 47.6 49.1 47.1 47.1 47.6 49.1 47.1 47.1 47.1 47.1 47.1 47.1 47.1 47	≥ 10000	32.5	34.3	34.B	35.3	35.9	35.9	36.3	36.6	36.6	36.8		37.1	37.8	37.8	38.4	39.8
2 7000 38.7 42.2 43.2 44.1 44.8 44.8 45.6 45.8 45.8 46.0 46.3 46.3 47.1 47.1 47.6 49.4   2 8000 40.4 44.1 45.2 46.2 47.0 47.0 47.7 48.0 48.0 48.2 48.5 48.5 49.2 49.2 49.8 51.2   5 5000 43.1 48.1 49.2 56.3 51.2 51.2 51.9 52.2 52.2 52.4 52.7 52.7 53.4 53.4 54.6 55.4   2 4000 47.3 53.7 54.9 56.0 57.2 57.3 58.1 58.3 58.3 58.5 58.8 58.8 59.7 59.7 60.2 61.6   2 3000 49.2 56.1 57.7 58.9 60.3 60.4 61.2 61.4 61.4 61.6 61.9 61.9 62.8 62.8 63.3 64.7   2 3000 52.6 66.8 62.8 64.3 66.1 66.2 67.0 67.2 67.2 67.5 67.8 67.8 68.7 69.2 70.6   2 2000 55.9 65.1 67.4 69.1 71.2 71.5 72.5 72.7 72.7 73.1 73.4 74.3 74.3 74.8 76.2   2 1000 56.0 65.2 67.5 69.2 71.3 71.6 72.6 72.8 72.8 73.2 73.7 73.7 74.5 74.5 75.1 76.5   2 1000 57.6 68.0 70.9 73.1 75.3 75.7 77.0 77.5 77.5 78.0 78.4 78.4 79.2 79.2 79.9 81.3   2 1000 59.5 69.5 72.8 72.8 73.8 78.7 80.1 80.8 80.8 81.2 81.7 82.6 82.6 83.2 84.4 85.8   2 900 58.9 76.2 73.7 76.7 79.1 79.7 81.1 81.8 81.9 82.4 82.9 82.9 83.8 83.8 84.4 85.8   2 900 59.6 72.8 72.8 75.8 78.3 78.7 80.1 80.8 80.8 81.2 81.7 82.6 82.6 83.2 84.4   2 900 59.6 72.6 76.6 80.4 83.2 84.2 86.3 87.3 87.5 88.2 88.8 88.8 88.8 89.9 89.9 99.9 99.5 91.0 99.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.4 77.7 82.6 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2   2 1000 59.7 73.	≥ 9000	34.2	36.6	37.2	37.7	38.4	38.4	38.9				39.7	39.7	40.4	40.4	41.0	42.4
≥ 6000		37.1	39.9	40.9	41.5	42.2	42.2	42.8	43.0	43.0	43.2	43.5	43.5	44.3	44.3	44.8	46.2
≥ 5000	≥ 7000	38.7	42.2	43.2	44.1	44.8	44.8	45.6	45.8	45.8	46.0	46.3	46.3	47.1	47.1	47.6	49.6
2 4500	!	40.4	44.1	45.2	46.2	47.0	47.0	47.7	48.0	48.0	48 . 2	48.5	48.5	49.2	49.2	49.8	51.2
2 4000 47.3 53.7 54.9 56.6 57.2 57.3 58.1 58.3 58.3 58.5 58.8 59.7 59.7 60.2 61.6 2 3500 49.2 56.1 57.7 58.9 60.3 60.4 61.2 61.4 61.4 61.6 61.9 61.9 62.8 62.8 62.8 63.3 64.7 2 3000 52.6 66.8 62.8 64.3 66.1 66.2 67.0 67.2 67.2 67.5 67.8 68.7 68.7 68.7 69.2 73.6 2 2500 54.3 62.9 65.2 66.9 68.8 69.0 70.0 70.2 70.2 70.5 70.9 70.9 71.7 71.7 72.3 73.7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	≥ 5000	4300	48.1	49.2	5G.3	51.2	51.2	51.9	52.2	52.2	52.4	52.7	52.7	53.4	53.4	54.0	55.4
2 3500		44.4	49.6	50.9	51.9	53.1	53.1	53.9	54.1	54.1	54.3	54.6	54.6	55.5	55.5	56.0	57.4
2 3000 52.6 6C.8 62.8 64.3 66.1 66.2 67.0 67.2 67.2 67.5 67.8 68.7 68.7 69.2 70.6 2500 54.3 62.9 65.2 66.9 68.8 69.0 70.0 70.2 70.2 70.5 70.9 70.9 71.7 71.7 72.3 73.7 2000 55.9 65.1 67.4 69.1 71.2 71.5 72.5 72.7 72.7 73.1 73.4 73.4 74.3 74.3 74.8 76.2 1800 56.0 65.2 67.5 69.2 71.3 71.6 72.6 72.8 72.8 73.2 73.7 73.7 74.5 74.5 74.5 75.1 76.5 1500 56.8 66.7 69.2 71.1 73.1 73.4 74.5 74.9 75.4 75.8 75.8 76.7 76.7 77.3 78.7 1200 57.6 68.0 70.9 73.1 75.1 75.7 77.0 77.5 77.5 78.0 78.4 78.4 79.2 79.2 79.9 81.3 1200 58.5 69.5 72.8 75.8 78.3 78.7 80.1 80.8 80.8 81.2 81.7 81.7 82.6 82.6 83.2 84.6 82.6 83.2 84.6 84.8 85.3 85.8 85.8 86.8 87.7 87.7 88.4 85.8 2 80.0 59.1 71.6 75.4 78.5 81.6 82.2 83.9 84.6 84.8 85.3 85.8 85.8 86.8 87.7 87.7 88.4 89.2 84.0 59.6 72.2 73.7 73.4 77.7 81.9 82.3 82.8 84.7 85.5 85.7 86.2 86.8 86.8 87.7 87.7 88.4 89.2 84.0 59.6 72.6 76.6 80.6 83.2 84.2 86.3 87.3 87.3 87.5 88.2 88.8 88.8 89.9 89.9 90.9 90.5 91.9 24.0 59.6 72.6 76.6 80.6 83.2 84.2 86.3 87.3 87.5 88.2 88.8 88.8 89.9 89.9 90.9 90.5 91.9 24.0 59.7 73.4 77.7 82.0 85.8 87.8 89.1 89.4 90.1 90.8 90.8 91.8 91.6 92.7 94.1 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 94.5 96.0 98.4 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 95.6 97.3 200 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 96.0 98.4 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 94.5 96.0 98.4 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 96.0 98.4 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 96.0 98.4 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 95.0 98.4 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 96.0 98.4 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.5 94.5 94.5 94.5 96.0 98.4 2.0 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 93.8 95.2 95.2 96.8 99.2 200 59.7 73.4 77.7 82.0 85.8 87	≥ 4000	47.3	53.7	54.9	56.0	57.2	57.3	58.1	58.3	58.3	58.5	58.8	58.8	59.7	59.7	60.2	61.6
≥ 2500		49.2	56.1	57.7	58.9	60.3	60.4	61.2	61.4	61.4	61.6	61.9	61.9	62.8	62.8	63-3	64.7
≥ 2000	≥ 3000	52.6	6C. 8	62.8	64.3	66-1	66.2	67.0	67.2	67.2	67.5	67.8	67.8	68.7	68.7	69.2	70.6
≥ 1800		54.3	62.9	65.2	66.9	68.8	69.0	70.0	70.2	70.2	70.5		70.9	71.7	71.7	72.3	73.7
≥ 1500		55.9	65.1	67.4	69.1	71.2	71.5	72.5	12.7	72.7	73.1	73.4	73.4	74.3	74.3	74.8	76.2
2 1200		56.0	65.2	67.5	69.2	71.3	71.6	72.6	72.8	72.8	73.2	73.7	73.7	74.5	74.5	75.1	76.5
≥ 1000	;	56.8	66.7	69.2	71.1	73.1	73.4	74.5	74.9	74.9	75.4	75.8	75.8		76.7	77.3	78.7
2 000 58.9 76.2 73.7 76.7 79.1 79.7 81.1 81.8 81.9 82.4 82.9 82.9 83.8 84.4 85.8 8.6 8 97.4 88.8 84.4 85.8 800 59.1 71.6 75.4 78.5 81.6 82.2 83.9 84.6 84.8 85.3 85.8 85.8 86.8 86.8 97.7 87.7 88.4 89.5 600 59.6 72.2 75.9 79.1 82.3 82.8 84.7 85.5 85.7 86.2 86.8 86.8 87.7 87.7 88.4 89.5 600 59.6 73.0 77.1 86.9 84.2 86.3 87.3 87.5 88.2 88.8 88.8 89.9 89.9 90.5 91.9 59.6 73.0 77.1 80.9 84.2 85.4 87.8 89.1 89.4 90.1 90.8 90.8 91.8 91.8 92.7 94.1 59.7 73.4 77.7 81.9 85.4 86.7 89.8 91.9 91.8 92.5 93.5 93.5 93.5 93.5 93.5 93.5 94.6 96.5 200 59.7 73.4 77.7 82.0 85.8 87.1 89.8 91.4 91.6 92.8 93.4 93.4 94.5 94.5 95.6 97.3 200 59.7 73.4 77.7 82.0 85.8 87.1 89.8 91.5 91.7 92.9 93.5 93.7 94.8 94.8 94.8 96.0 98.4 2 100 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.8 94.8 96.0 98.4 2 100 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.8 94.8 96.0 98.4 2 100 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2 2 100 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2 2 100 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2 2 100 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2		57.6	68.0	79.9	73.1	75.3	75.7	77.0			78.0			79.2		79.9	81.3
≥ 800	· · ·	53.5	69.5	72.B	75.8	78.3	78.7	80.1	80.8	80.8							
≥ 700		58.9	70.2	73.7	76.7	79.1	79.7	81.1	81.8	81.9	82.4	- (	82.9	83.8	83.8	84-4	85.8
≥ 600	<u>-</u>	59.1	71.6	75.4	78.5	81.6	82.2	83.9	84.6	84.8	85.3	85.8	85.8	86.8	86.8	87.4	88.8
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		59.6	72.2	75.9	79.1		82.8				86 . 2	- 1				- 1	89.8
$\geq$ 400 $\begin{array}{cccccccccccccccccccccccccccccccccccc$		59.6	72.6	76.6	.80 a ü	83.2		86.3	87.3	87.5	88.2	88.8				9C.5	91.9
≥ 300 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.4 91.6 92.8 93.4 93.4 94.5 94.5 94.5 96.0 98.4 93.4 93.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.8 96.0 98.4 93.6 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2	1	59.6	73.0	77.1	86.9	84.2										92.7	
$\stackrel{\geq}{\geq}$ 200 $\stackrel{\circ}{>}$ 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.5 91.7 92.9 93.5 93.7 94.8 94.8 96.0 98.4 $\stackrel{\geq}{\geq}$ 100 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2		59.7	73.4														96.0
≥ 100 59.7 73.4 77.7 82.0 85.8 87.1 89.9 91.6 91.8 93.0 93.7 93.8 95.2 95.2 96.8 99.2		59.7	73.4	77.7		85.8	87.1										
1 2 1 2 2 3 1 1 2 3 1 1 1 1 0 5 0 0 0 2 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1		59.7	73.4														
- 1 6 - 9   5 Q. 7  73   A  77   7  92   A  95   97   1  90   91   91   91   92   93   91   93   94   95   31   95   31   97   21   99				77.7		85.8							- 1			- 1 1	
L	L_≤0 .	59.7	73.4	77.7	82.0	85.8	87.1	89.9	91.6	91.8	93.0	93.7	93.B	95.3	95.3	97.2	L00.U

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_930\_\_

54-63 YEARS 24292 COMOX BC DOT API STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ½	≥ 2	≥ 1 1/2	≥ 1 ¼ :	≥1	≥ 1/4	≥ 1/4	.e. V.	≥ 5/16 <sup>†</sup>	≥ ¼	≥ 0
L														_ ,,,,		
NO CEILING	1	į į		' j	}	i	}	}	j		!				l	
≥ 20000		27.8									29.4					
≥ 18000	27.1		28.1						_		29.5			1		1
≥ 16000	27.2				28.8						29.6			30.5		
≥ 14000	29.0		30-2	1	30.9			31.5					32.0			32.0
≥ 12000	29.5	31.0	31.1	31.4	31.7			32.5				32.7		33.1	33.3	33.8
≥ 10000	32.4	34.6	34.7	35.1	35.4		ì		1	36.3			36.7	36.8	-	37.4
≥ 9000	34.5	37.0		37.4		37.8				38.8		38.8	39.1			39.9
≥ 8000	38.3	41.3	41.7	42.3	42.8						43.9					44.9
≥ 7000	40.3	44.3	44.8	45.5	46.1						47.2			47.6		-
≥ 6000	41.7	46.0	46.6	47.2	48.0	48.1	48.3	48.8	48.8	49.0	49.0	49.0	49.4	49.5	49.7	50.1
≥ 5000	44.6	49.6	50.4	51.3	52.4			53.2			53.4		<b>53.</b> 8	53.9		54.5
≥ 4500	45.6	51.0	51.8	52.8	54.3	54.4		55.2			55.4			55.8		56.
≥ 4000	48.8	54.7	55.7	56.9	58.4	58.5	58.7	59.4	59.4	59.6	59.6	59.6	59.9	60.0	60.2	60.6
> 3500	50.9	57.3	58.4	59.6	61.1	61.2	61.6	62.4	62.4		62.6	62.6	62.9	63.0	63.2	63.7
≥ 3000	54.1	61.3	62.5	63.9	65.7			67.3					67.8			68.0
≥ 2500	55.3	63.3	64.6	66.2	68.3	68.5		59.9	-					70.5		- 1
≥ 2000	56.5	65.1	66.3	68.4	70.4	70.6					72.4			72.6		
≥ 1800	56.6	65.2	66.5	68.5		70.8						72.5	72.8	72.9	–	
≥ 1500	57.7	66.9	68.3	70.4		72.7	73.7	74.4	74.6		74.8			75.3		75.9
≥ 1200	59.2	69.1	71.1	74.1	76.2	-		78.5			- 1	78.9	,	79.4		
≥ 1000	59.9	70.8	73.3	76.1				81.5		82.0		82.0		82.5		
≥ 900	60.4	71.7	74.0	77.1				82.6				83.1	83.4	83.5		
≥ 800	60.8	72.8				82.5		84.8				85.5				86.6
≥ 700	60.8				- 1	. ,		86.5				87.4		87.8		88.5
≥ 600	6C.9	73.9	76.8	80.9	84.3	85.3	86.9	88.0	88.4	89.2		89.4		89.8		90.4
≥ 500	61.0	74.0	76.9	81.0	85.2			89.5				91.1		- 1		92 - 3
≥ 400	61.1	74.2	77.1	81.2	85.5	86.8					92.3					93.8
≥ 300	61.1	, ,			85.5			90.9				94.2				96.8
≥ 200	6lal	74.2	77.1		85.5						94.5					
≥ 100	-	74.2	77.1	81.2							94.6					
≥ 0	61.1	74.2	77.1	81.2	85.5	87.0	89.2	91.3	91.9	94.0	94.6	94.8	96.0	96.5	97.0	10:-

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 93.3\_\_

54-63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

OCT

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 900 ≥ 800 `≥ 700 ≥ 600 ≥ 400 ≥ 300 200 100

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

24292 CCMOX 6C DDI APT STATION NAME

DATA PROCESSING DIVISION

ETAC, USAF ASHEVILLE, N. C. 2880]

54-63 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-170

							VISI	BILITY (ST	ATUTE MIL	ES)						
CEILING (FEET)			,													
W.E.	≥ 10	≥ 6	≥ 5	≥ 4	> 3	≥ 2 ⅓	. 2	∴ 1 ½	≥ 1 1/4	≥ 1	≥ ¾	≥ %	<i>≧</i> ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		-				-			1		1	•	,	i		
20000	33.6	34.7	35.1	35.4	35.5	35.5	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.9
18000	33.9	35.0	35.5		35.8			36.1	36.1			36.2	36.2	36.2	36.2	36.5
16000	34.5	35.8	36.2	36.4	36.6	36.6	37.0	37.0	37.	37.0	37.1	37.1	37.1	37.1	37.1	37.2
≥ 14000	35.5	37.0	37.4	37.7	38.	38.0	38.5	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.9
₹ ±2000	38.5	40.6	41.0	41.3	41.6	41.6	42.4	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.5
> 10000	41.4	43.9	44.4	44.9	45.3	45.4	46.2	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.7
≥ 9000	43.5	46.2	46.6	47.2	47.6	47.7	48.5	48.7	48.7	48.7	48.9	48.9	48.9	48.9	48.9	49.0
> 8000	48.8	52.4	52.8	53.4	53.9	54.0	54.8	55.1	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.5
.≥ 7000	51.1	55.0	55.4	56.1	56.6	56.7	57.6	57.9	57.9	58.0	58.2	58.2	58.2	58.2	58.4	58.5
> 6000	53.1	57.7	58.5	59.1	59.7	59.8	60.6	61.1	61.1	61.2	61.4	61.4	61.4	61.4	61.5	61.6
≥ 5000	55.0	60.7	61.6	62.3	63.0	63.1	64.0	64.4	64.4	64.5	64.8	64.8	64.8	64.8	54.9	65.
≥ 4500	56.5	62.6	63.4	64.1	65.0	65.1	65.9	56.4	66.4	66.5	66.7	56.7	66.7	66.7	66.8	66.9
> 4000	59.5	67.5	68.5	69.5	70.4	76.6	71.5	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.3	72.5
3500	62.7	71.4	72.7	73.8	74.6	74.8	75.7	76.1	76.1	76.2	76.5	76.5	76.5	76.5	76.6	76.7
_ ≥ 3000	66.2	75.7	77.2	78.6	79.6	79.8	80.7	81.1	81.1	81.2	81.5	81.5	81.5	81.5	81.6	81.7
≥ 2500	67.5	77.2	79.0	86.5	81.5	81.7	82.5	83.1	83.1	83.2	83.4	83.4	83.4	83.4	83.5	83.6
≥ 2000	68.3	78.9	80.9	82.4	84.1	84.3	85.1	85.7	85.7	85.8	86.0	86.0	86.0	86.0	86.1	86.2
≥ 1800	68.7	79.4	81.5	83.0	84.6		85.8	86.3	86.3	86.4	86.7	86.7	86.7	86.7	86.8	86.9
≥ 1500	68.7	8:.2	82.2	83.9	85.6	85.8	87.1	87.6	87.6	87.7	88.0	88.0	88.0	88.0	88.1	38.2
≥ 1200	68.8	80.8	82.9	84.6	86.2	86.4		88.5	88.5	88 - 6	8.88	88.8	88.8			69.C
_ ≥ 1000	69.2	81.7	83.7	85.8	87.4		89.2	89.9			90.2	90.2			90.3	90.5
≥ 900	69.3	82.2	84.3	86.3	88.1	88.4	89.9	90.7		90.8	91.0	91.0	91.0	91.0	91.1	91.2
<u>≥</u> 800	69.3	82.8	84.9	87.3		89.5	31.0	91.8		91.9	92.1	92.1	92.1	92.1	92.2	92.3
≥ 700	69.4	83.3		88.0		90.2			92.6		93.0	93.0	93.0		43.1	93.2
_ ≥ 600	69.5	83.9		88.6		91.0		94.4		94.6	94.8	94.8	94.8		94.9	95.0
> 500	69.5	84.3		89.3		91.9		96.4		96.9	97.1	97.1	97.1		97.2	97.3
≥ 400 ⊢	69.5	84.4				93.1			97.7	98 - 2		98.4		96-4		98.6
≥ 300	69.5	84.4				93.3				98.8		99.1	99.1	99.1	99.3	99.5
≥ 200	69.5	84.5		90.1					98.2							99.9
≥ 100	69.5			90.1					98.2			99.2			99.6	
. ≥ 0	69.	84.5	87.5	90.1	92.6	93.4	96.6	98.	98.2	98.9	99.2	99.2	99.2	99.2	99.6	190.

TOTAL NUMBER OF OBSERVATIONS \_\_\_ 922\_

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. L. 2886)

24292 COMBA SC DOT APT STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-100

: CEILING							VISI	BILITY (ST	ATUTE MIL	.ES)						
(FEET)		5					,	,								
(FEC.,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	.≥ 2	= 1 1/2	≥1%	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
	. !	÷							_ ;	!		_ :				
NO CEILING			1			1	1				į	i		i	1	
, > 20000	34.3														37.8	
] ≥ 18000	34-3			- 7			- 1	- 1	1						37.9	38 . 2
≥ 16000	34.8	36.5	36.8						38.1		38.4	38.4	38.7	38.7	38.7	38.
≥ 14000	36.5		38.5	1			40.0				40.4		40.8	40.8	40.8	41.
≥ 12000	39.0	41.0	41.2						43.2	43.5		43.6	43.9	43.9	44.0	44.2
≥ 10000	42.6			46.1	46.9				47.6				48.2	48.2	48.3	48.5
≥ 9000	44.4	47.0	47.6	48.1	49.0	49.0					49.9	49.9	50.3	50.3	50.4	50.6
- ≥ 8000	47.8	50.8	51.4	51.9	52. E	52.8	53.3	53.4	53.4	53 - 6	53.7	53.7	54.1	54.1	54.2	54.4
≥ 7000	49.1	52.2	52.8	53.3	54.4	54.4	55.0	55.1	55.1	55.4	_55.5	55.5	55.8	55.8	55.9	56.1
> 6000	51.4	54.8	55.5	56.0	57.1	57.1	57.7	57.9	57.9	58.2	58.3	58.3	58.6	58.6	58.7	58.9
> 5000	54.1	58.8	59.7	60.8	62.2	62.2	62.8	_63.0	63.0	63.2	63.4	63.4	63.7	63.7	63.8	64.6
≥ 4500	55.8	60.8	61.8	63.0	64.4	64.4	65.1	65.3	65.3	65.5	65.6	65.6	65.9	65.9	66.1	66.3
≥ 4000	59.9	66.5	68.1	69.4	70.9	70.9	71.6	71.8	71.8	72.0	72.1	72.1	72.4	72.4	72.5	72.8
3500	62.3	70.8	72.2	73.6	75.1	75.1	75.8	76.0	76.0	76.2	76.3	76.3	76.6	76.6	76.8	77.0
≥ 3000	64.6	74.7	76.1	77.5	79.1	79.1	79.9	80.1	80.1		80.4	80.4	80.8	80.8	80.9	31.1
≥ 2500	65.2	75.7	77.1	78.6	80.2	80.2	81.1	81.3	81.3	81.5	81.6	81.6	81.9	81.9	82.1	32.3
≥ 2000	65.4	76.8	78.3	80.0	81.6	81.6	82.9	83-1	83.1	83.4	83.5	83.5	83.8	83.8	83.9	84.1
≥ 1800	65.4	76.9	78.4	30.1	81.8	81.8	83.1	83.4	83.4		83.7		84.C		84-1	84.3
≥ 1500	65.9	78.3	80.2	82.3	84.2	84.3	85.9	86.3	86.3	86.5	86.6	86.6	86.9	86.9	87.0	87.2
≥ 1200	66.2	79.1	81.7	84.0	86.1	86.2	87.8	88.2	88.2	88.5	38.6	88.6	89.0	89.0	89.1	89.3
≥ 1000	66.5	80.2	82.9	85.4	87.8	87.9	89.7	90.2	90.2	90.5	90.6	90.6	90.9	90.9	91.0	91.2
. ≥ 900	56.8	80.5	83.2	85.7	88.3	88.4	90.3	90.7	90.7	91.1	91.2	91.2	91.6	91.6	91.7	91.9
≥ 800	67.1	81.5	84.3	86.9	89.5	89.6	91.6	92.1	92.1	92.5	92.6	92.6	93.0	93.0	43.1	93.3
≥ 700	67.4	82.1	85.1	87.7	90.4	90.6	92.6	93.3	93.3	93.7	93.8	93.8	94.2	94.2	94.3	94.5
≥ 600	67.5	82.4	85.8	88.4	91.4	91.6	94.5	95.2	95.2	95.7		95.8		96.1	96.2	96.4
≥ 500	67.5	82.5	86.1	89.1	92.0	92.5							97.4	97.4	97.5	97.7
≥ 400	67.5	82.5	86.1		92.4		96.2		97.1				98.2	98.2	98.3	98.5
≥ 300	67.5		86.3	89.6			26.6			98.2			98.7	98.7	98.8	99.
≥ 200	67.5	82.5	86.3									98.5		99.0		99.4
≥ 100	67.5		86.3									98.5		99.1		
≥ 0	67.5		86.3								98.5			99.1		

TOTAL NUMBER OF OBSERVATIONS 925

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. C. 28801

#### CEILING VERSUS VISIBILITY

24292 CCMOX BC DOT APT STATION NAME

54-63 YEARS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

							VIS	BILITY (ST.	ATUTE MIL	ESI						
CEIL NG (FEET:					1											,
(FIE):	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3 :	≥ 2 1/2	≥ 2	∴ 1 ½	≥1%	≥ 1	≥ ¾	.≃ γ <sub>α</sub>	₹ ½	≥ 5/16	≥ 1/4	≥ 0
NO CEILING						-		i			- +		•		- •	
	34.4	37.7	38.0	38.5	39.1	39.3	39.5	39.8	39.8	40.1	44.2	4:.3	40.7	40.7	41.1	41.4
18000														40.8		
7 16000			/	-				- 1			- 1			41.1		
14000														43.4		
- 11000	38.5	41.9	42.2	42.8	43.3	44.1	44.3	44.5	44.5	44.8	44.9	45.3	45.	45.5	45.9	46.2
> 10000	41.7	45.6	46.0	46.7	47.7	43.1	48.3	48.6	48.6	48.C	49.0	49.1	49.6	49.6	5.00	5.5
9000	43.8	47.7	48.2	48.8	50.1	5:.5	50.8	51.1	51.1	51.4	51.5	51.6	52.0	52.0	52.5	52.0
→ 3000	46.1	50.3	5 . 8	51.4	52.9	53.3	53.6	53.9	53.9,	54.2	54.3	54.4	54.8	54.8	55.3	55.5
7000	48.1	52.7	53.1	53.8	55.3	55.8	56.3	56.6	56.5	56.9	57.0	57.1	57.5	57.5	58.0	5. S. 3
6000	49.4	54.3	54.8	55.5	57.1	57.7	58.1	58.4	58.4	58.7	58.8	58.9	59.4	59.4	59.8	50.1
> 5000	52.5	58.8	59.6	60.8	62.5	63.9	63.7	64.	64.	64.3	64.4	64.5	65.0	65.0	65.4	65.7
> 4500	54.8	61.2	62.1,	63.3	65.2	65.7	66.4	66.7	66.7	67.	67.1	67.2	67.7	67.7	58 <b>.1</b>	68.4
→ <b>4</b> 000			57.6				72.2						73.5	7 <u>3.</u> 5!	73.9	74.2
3500	59.9	68.6	69.5	70.3	73.0							75.1	75.5	75.5	76.0	76 📲
> 3000	. 21.7.	11.4	12.3	73.7	76.	76.5	77.4	77.7	77.7	78.0	78.1	78.2	78.7	78.7	79.1	79.4
≥ 2500	63.3	73.3	74.4	75.8	78.€	78.6	79.5	79.8	79.8	80 . 2	86.3	8 . 4	50.8	80.8	81.3	61.6
≥ 2000	, 64.4	75.0		77.3			81.8							33.1		33.3
1800	65.Cr	75.8		78.8									_	83.9		
≥ 1500	, <u>65. (</u>		78 <u>. 3</u>											86.2		
≥ 1200	66.1		8. 1										1	86.6		
> 1000														91.3		
. ≥ 900 . ≥ 800			€2.0											91.6		
-	<u>56. /</u>		82.8				90.8							92.8		
> 700 > 600	1		83.4										(	93.5		
_	67.		33.9											94.6		
> 500				87.5				- 1						95.7		4
<b>⊢</b> = ¬¬¬¬			84.8				94.7							96 • 7		
> 300	67.3			88.5										97.6		
,		81.5												98.1		
; ≥ 100 ≥ 0														98.2		
= U	67.5	81.5	85.0	88.6	92.3	93.21	95.5	96.2	96.2	97.5	97.6	97.7	98.5	98.3	38 81	. <u>00 •     '</u>

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_ 928\_

24252 CEMBA BE SET APT STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- ' <u>-54-63</u> ....<u>-</u> ....

0001- 20.

VISIBILITY ISTATUTE MILEST CEILING , <sup>2</sup> 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 2½. ≥ 2 ≥ 1½, ≥ 1¼, ≥ 1 ≥ ½, ≥ ½, ≥ ½, ≥ 5/16 ≥ ½, ≥ 0 ≥ 14000 ₹ 10000 ≥ 9000 □ > 8000 ≥ 7000 > 6000 > 5000 > 4500 · 4000 3500 3000 ≥ 2500 > 2000 > 1800 ≥ 1500 ≥ 1200 ≥ 1000 ≥ 900 ≥ 700 > 600 500 ≥ 400 ≥ 300 ≥ 200 100

TOTAL NUMBER OF OBSERVATIONS

SATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N. U. 25EC.

#### CEILING VERSUS VISIBILITY

24292 LELISA 26 DEI API STATION NAME 53

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

																_
CEILING							VISI	BILITY (ST	ATUTE MIL	ëS)						
(FEET)																
11224	≥ 10 ·	≥ 6	≥ 5	≥ 4	≥ 3	2 1/2	11.2	1 1/2	≥ 1%	≥ 1	≥ 3/4	≥ %	• 1/2	3.5/16	· 1/4	≥ 0
					:					_ 1						
NO CEILING			1	1				1	j	i	1					
20000	29.2	29.3	29.4	29.4	29.4	29.0.	29.6	29.6	29.6	24.6	29.7	25.7	29.9	29.9	<u>يا . 9 د ا</u>	34.7
≥ 18000	29.2	29.3	29.4	29.4	29.4	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.9	29.9	30.1	36.7
_ ≥ 16000	29.3	29.4	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.8	29.8	30.0	3(0,	3. • 2	3 . F
≥ 14000	29.7	29.8	29.9	29.9	29.9	30.6	30.0	31.1	30.0	30 - 0	3 1	30.1	3(1.3	3 . 3	30.6	31.1
~ 12000	30.8	30.9	31.0	31.1	31.1	31.2	11.2	31.2	31.2	31.2	31.3	31.3	31.6	31.6	31.8	32.
≥ 10000	33.6	33.7	33.8	34.3	34.3	34.4	34.4			34.4	34.6	34.6	34.8	34.8	35.1	35.7
≥ 9000	34.9		35.1	35.7	35.7	35.8	35.9	35.9		35.9	36.0	36.	36.3	36.3	36.8	37.3
≥ 8000	36.8		37.3	37.9	38.:		38.2				38.3	38.3		38.7		39.8
≥ 7000	39.7		4: 4	41.0	41.1	- 1	- 1			41.3	41.4	41.4	41.8	41.8	42.2	- ,
> 6000	43.3								42.0				42.4	42.4		43.6
≥ 5000	43.3	44.3	44.4						45.3			45.4	45.8	45.8	ì	45.3
≥ 4500	44.								46.2				46.7	46. 7		47.
≥ 4000	48.4	5 0	50.2			51.3				51.4						53.
3500	51.3	53.7		54.7					55.2							56.8
> 3000	56.0								62.1					62.6	· · · · · · · · · · · · · · · · · · ·	1
- ≥ 2500	58		63.1	64					65.0					65.4		66.7
≥ 2000	60.0	_	,						68.1					68.6		69.6
` ≥ 1800	60.9								69.2					69.7		70.9
≥ 1500	54.0								73.8		- 1		74.2	74.2	74.8	
' ≥ 1200	65.8					77.6						78.3	78.7	78.7	79.2	
≥ 1000	67.1					81.1				81.8			82.2	82.2		83.4
¯ ≥ 900	67.4								82.8			82.9	83.2	83.2		84.4
≥ 800	68.1								64.8			84.9		85.2		86 . 4
	68.4		82.4			85.5				87.0					88.0	
. ≥ 600	68.7		84.2	86.3					89.4	- 1			1	96.1	- 1	
> 500	58.7								90.6					91.4	92.0	92.7
≥ 400	58.7		1 1						91.9			92.4			13.3	94.1
≥ 300	68.7								92.8		93.6		94.0		94.7	
≥ 200	66.7		85.6						93.1					94.6	25.2	76.4
≥ 100	58.7		05.6											94.7	95.7	97.8
≥ 0	69.7	1	85.6	1			I		,	1				94.7	96.0	الصادد
-																

TOTAL NUMBER OF OBSERVATIONS

900-

242-52 COMOX BC DOT APT 54-63
STATION NAME YEARS

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-<u>0801</u>

							VISI	BILITY IST	ATUTE MIL	ES}						
CEILING			,											_		_
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	> 2	: 1 1/2	≥ 1 1/4	≥ 1	≤ ¾	≥ %	: 1/2	= 5/16	> 1/4	≥ 0
NO CEILING		:		•	1			į				,	•			
2 20000	25.8	26.5	26.6	26.6	26.7	26.7	26.8	25.5	26.8	27.1.	27.4	27.4	27.5	27.6	27.8	38.3
≥ 18000	26.1	26.7	26.8	26.8		26.9			27.1				27.7	27.8	28.1	28.5
2 16000	26.1	26.7	26.8	26.8	26.9	26.9	.7.1	27.1		27.3		27.6	27.7	27.8	28.1	28.5
≥ 14000	26.4	27.1	27.2	27.2	27.3	27.3	27.4	27.4	27.4	27.6	28.0	26.0	28.1.	28.2	28.4	29.
≥ 12000	27.5	28.2	28.3	28.3	28.4	28.4	28.5	28.5	28.5	28.8	29.2	29.2	29.3	29.4	29.6	30.2
≥ 10000	30.7	31.6	31.7	31.7	31.8	31.8	32.0	32.0	32.0	32.3	32.6	32.6	32.7	32.9	33.1	33.6
≥ 9000	32.4	33.3	33.4	33.5	33.6	33.6	33.7	33.7	33.7	34.1	34.4	34.4	34.5	34.6	34.9	35.4
≥ 8000	35.1	36.0	36.1	36.2	36.3	36.3	36 - 4	36.4	36.4		37.1	37.1	37.2	37.3	37.5	38.1
≥ 7000	37.4	38.4	38.5	38.8	38.9	38.9	39.0				39.6	39.6	39.8	39.9	40.1	40.0
> 6000	38.6	39.0	39.1	39.3	39.5	39.5		39.6		40.0		40.3		40.5		
≥ 5000	45.4	41.5	41.6	41.9	42.1		42.2			42.5			43.0	43.1	43.3	
> 4500 > 4000	41.6	43.1	43.2	43.4	43.7		43.8			44 - 1			44.5	44.7	44.9	45.4
	44.8	46.5	46.8	47.					47.4					48.3		49.1
3500	47.8		50.2			50.9				51.3	51.7	51.7	51.8	51.9		
≥ 3000	51.0	55.1	55.5		56.6						57.6		· ·	57.8		
7500	54.2	58.5	58.8	59.2	l l	60.0			1			61.1	61.2	61.4	61.6	52.1
2000	≥ <u>7.</u> 2	62.7	63.1	63.8					64.9		65.8		65.9	65.0	<u>60.3</u>	06.3
≥ 1800 ≥ 1500	50.	63.7	64.3		65.6	65.7	66.0				66.9	66.9	67.0	67.1	57.4	
	6C. 5		68.5	69.4	70.7	70.8	71.5	71.5	71.5	72.0	72.5	72.5	72.7	72.8	73.1	
≥ 1200 ≥ 1000	62.5	70.0	71 - 2	72.	73.6	73.9	74.7	74.8	1	75.4	75.8	75.8	76.1	76-2	76.5	- 1
'- ≥ 900		72.4	73.6	74.7	76.4	76.7	78.0	78.1	78.1	78.6	79.1	79.1	79.3	74.4		80.3
≥ 900	63.9		74.6	75.8	77.6	78.0			79.4	80.1	80.6	80.6	80.8	81.0	81.3	
≥ 700	64.4	74.5	76.2	77.5	79.4	79.7 82.2	81.2	84.4		85.5	83.0	83.0	83.2	83.3	83.6	67.5
≥ 600	65.3	75.9	78.1	79.7		84.7	35.5	87.2	87.3	88.4	89.1	86.2	89.3	89.4	89.7	
> 500	66.1	77.7	87.2	82.2	85.6	86.1	38.2	39.0		90.6	91.3	91.4	91.9	92.0	92.5	
≥ 400	66.2	77.8	80.3		86.C	86.5		89.5			92.0			92.8	93.4	74.
<u>} 300</u>	66.4	78.1	o∵ 5	82.6					90.6		93.1		93. 9	93.9	94.7	95. 2
≥ 200	66.4								91.0						95.0	-
≥ 100	66.4		80.6	82.7		87.1										
≥ 0	66.4			82.7	86.5		89.8		1	92.7			4		96.20	
	2011		<u> </u>	ACAL.	2047	-FT - F;	27.99	7 V . Z.	740-71	760	<i>∠</i> ⊿ • ₹.	22 2 22	27.0	✓ <u>= •                                   </u>	<u> </u>	

TOTAL NUMBER OF OBSERVATIONS

\_ 898\_

24252 COMOX AC DOT API

. <u>5**4-**63</u>

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.900-110-

							VISI	BILITY (ST.	ATUTE MILI	ES)						
CEILING							,									
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1 ⅓	≥ 11/4	≥ 1	≥ ¾	≥ %	1 V2	15,16	• 1/4	≥ 0
NO CEILING		i	- 1			•		i		:					•	
≥ 20000	23.9	24.7	24.7	24.8	24.3	24-8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	25.1	25.7
 ≥ 18000		25. C		25.1												
≥ 16000	25.		- 1		-		25.9				25.9			25.9	26.2	
≥ 14000		27.3			27.4	27.6			27.6		+	27.6		27.6	27.9	28.4
≥ 12000	27.6	28.3	28.3	28.4	28.4	28.6			28.6	28.7	28.7	28.7	28.7	28.7	29.0	29.6
≥ 10000	31.1	31.9	32.0	32.1	32.2	32.3	32.3	32.3			32.4	32.4	32.4	32.4	32.3	33.3
≥ 9000	32.7	33.4	33.7	33.8	33.9	34.0	34 . Ci	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.4	35.0
≥ 8000	36.3	37.3	37.6	37.7	37.8	37.9	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.6	39.1
≥ 7000	38.2	39.3	37.6	39.7	40.	40.1	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.8	41.3
≥ 6000	39.1	40.2	40.6	40.7	41.0	41.1	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.8	42.3
≥ 5000	40.6	41.9	42.2	42.3	42.7	42.8	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.4	44.0
≥ 4500	42.4	43.8	44.1	44.3	44.7	44.8	45.0	45.0	45.0	45 . 1	45.1	45.1	45.1	45.1	45.4	46.
2 4000	45.7	47.7	48.0	48.2	48.6	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49-3	49.3
≥ 3500	47.6	50.0	50.3	50.6	50.9	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.7	52.2
≥ 3000	51.4	55.0	55.6	55.9	56.2	56.3	56.6	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.4	<u>58.0</u>
≥ 2500	54.1	58.2	58.8	59.1	60.0	60.2	60 - 4	60.7	60.7	61.0	61.1	61.1	61.1	61.1	51.4	62
_ ≥ 2000	56.2	61.6	62.2	62.6	63.4	63.7	63.9	64.1	64.1	64.4	64.6	64.6	64.6	64.6	54.9	65.4
≥ 1800	57.C						64.9		65.1	65.4		65.6		65.6	65.9	66.4
≥ 1500	58.6			66.7					68.8		69.2	69.2			69.7	70.2
≥ 1200	59.4	65.9	67.3	68.4	69.9	70.3		71.4	71.4	71.8	71.9	71.9	72.0	72.0	72.3	72.9
≥ 1000	60.7	68.2	69.9		73.3			75.4		75.9		76.0	76.1	76.1	76.4	77.0
≥ 900		69.4	71.2	;			76.3		77.1	I	77.8	77.8	77.9	77.9	78.2	78.8
≥ 800	62. Ú	70.9	73.0					80.3	80.6		81.3	81.3	81.4	81.4	81.8	82.5
≥ 700 ≥ 600		72.6	74.8						85.0	L	86.2	86.2	86.3		86.7	27.2
	63.0	75.9	76.1			83.7						89.6	89.7		90.0	90.0
' ≥ 500 ≥ 400	63.6	74.8	77.0			85.6			90.6	92.1	92.4	92.4	92.7	92.7	93.	93.6
H	63.6	74.9	77.1		84.8	,	90.0	91.9	92.1	93.7	94.0	94.0		94.4	94.9	95.4
≥ 300 ≥ 200	63.6	I	77.1			86.3								94.8		96.4
	63.6	74.9	17.1			86.3						94.4				97.6
. ≥ 100	i	74.9	77.1			86.3								96.0	_	1
= 0	63.6	74.9	17.1	19.6	84.8	86.3	90.2	92.3	92.6	94.1	<u> </u>	94.4	95.C	95.0	96.81	00.J

1210WS JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

150523

24292 COMOX BC DOT APT STATION NAME

**54-6**3

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-140<sub>3</sub>

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	- ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	2 أو	: 1 ½	≳1%	21 -	≥ 1/4	≥ %	e y,	≥ 5/16	> v <sub>z</sub>	· ≥ a
	_ 10	0			_ 3 i	- 2/1		- 1/2	= 1 74	·- ' j	= 74	- 76	- 7:	- 3/10	F . 7/4	= 0
NO CEILING	i		ĺ	i	į						i					
≥ 20000	23.7	24.3	24.4	24.4		24.4									24.9	
≥ 18000	24.2	24.9	25.0	75.0		25.0										
≥ 16000	24.9	25.6	25.7	25.7		25.7									26.1	26.6
≥ 14000	27.7	28.3	28.4	28.4		28.4				28.7				28.7	28.9	29.3
12000		29.6				29.7				29.9				29.9		
≥ 10000	32.3			33.8		33.8								34.0	34.2	1
≥ 9000			35.7			35.8						36.1			36.3	36.8
≥ 8000		39.2				39.6						4 . 1			40.3	40.8
≥ 7000		41.9				42.2										43.4
6000	:	42.1				42.4										43.7
≥ 5000		45.3				45.7							· •			
≥ 4500		47.6				47.9								48.4		49.1
≥ 4000	47.4					50.6							51.1			51.8
3500	48.8				52.2				52.7				52.8	52.8		53.4
≥ 3000	52.¢		56.9			57.4						58.3		58.3		59.
≥ 2500	54.2		60.0			60.6				61.4			61.4		61.7	62.1
≥ 2000	56.0		63.7	64.2		64.7							65.9		66.1	06.6
> 1800 ≥ 1500	57.0					66.0	:		66.8		67.1		67.2	67.2		67.9
<b>├</b>	58.2					69.2				70.6		70.6	70.7	75.7	70.9	71.5
≥ 1200 ≥ 1000	60.2					72.1		73.3		73.8	73.B		73.9	73.9	74.1	74.6
⊢ !	62.2	72.2	73.4	74.3					77.3		77.7		77.8	71.8	78.0	78.4
≥ 900 ≥ 800	62.7		1 1	75.2			1			79.4	1	79.4	79.6		79.8	86.2
	63.3	1.12	76.0	77.0		79.8	81.3			82.9	82.9		83.0	83.0	83.2	
≥ 700 > 600	63.8			79.4					85.2			1	86.8	86.8	87.0	
<b></b> -	63.7			80.0					87.8				89.6 92.7	92.7	89.8	10.2
; ≥ 500 . ≥ 400	64.2	-		81.7					90.8			92.2	1			95.9
	64.3			81.9			90.8			93.8		94.1	95.4	95.0	9 <u>5.2</u>	97.3
≥ 300 ≥ 200	64.3			81.9					92.7				95.8	9 - 8		
1	64.3				86.4				92.8	-			96.3	96.3	97.2	98.4
≥ 100 ≥ 0	64.3		79.3			87.8			92.8						77.8	
	0.4	76.6	79.3	81.9	00.4	01.0	31 - C1	16.0	74.0	74.6	. <u>72 • 7</u> .	34.4	آد • قند	70.0	i a i e of	

TOTAL NUMBER OF OBSERVATIONS 900

24292 COMOX MC DOT AFT STATION NAME

54-6?

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

; 500- ; **7**00 HOURS (L.S.T.)

CEILING							VISI	BILITY (ST	ATUTE MIL	.ES)						
(FEET)			- 1		_ : 1				_							
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 ½	≥1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ %	≥ 0
NO CEILING			· i	—	+	-			+	· i	†	i				
≥ 20000	27.3	27.9	28.3	28.3	28.3	28.3	28.3	28.3	28.3	29.3	28.4	28.4	28.4	28.4	28.4	8.5
`` ≥ 18000	27.6		28.6	28.6		28.6		28.6		28.6		28.7	28.7	28.7	28.7	29.
≥ 16000	27.7	- 1		28.7	28.7	28.7	28.7	1	28.7	28.7	26.8	28.8	28.8	28.8	28.8	29.1
≥ 14000	29.2	29.8		30.2	30.2	30.2	30.2		30.2	30.2	30.3	30.3	30.3	3 . 3	30.3	30.7
≥ '2000	30.8	31.3	31.8	31.8	31.8	31.8	31.8	31.3	31.8	31.8	31.9	31.9	31.9	31.9	31.9	32.2
≥ 10000	34.0	34.6	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.6
. ≥ 9000	36.2	36.9	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.9
≥ 8000	39.8	40.6	41.1	41.1	41.1	41.1	41.2		41.3	41 . 3	41.4	41.4	41.4	41.4	41.4	41.8
≥ 7000	41.8	42.8	43.4	43.4	43.4	43.4	43.6			43.7	43.8	43.8	43.8	43.8	43.8	44.1
≥ 6000	42.6			44.2	44.2	44.2	44.6	-		44.7	44.8	44.8	44.8	44.8	44.8	45.1
≥ 5000	45.9		47.8		47.8	47.8	48.1	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.7
≥ 4500	46.9		48.8	1	48.8	48.8	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.7
≥ 4000	50.7			53.1	53.1	53.1	53.6			53.9	54.0	54.0	54.0	54.0	54.0	54.3
≥ 3500	52.3			55.3	55.4	55.4	55.9		56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.7
	55.9			60.3	60.6	60.6	61.3			61.9	62.0	62.0	62.0	62.0	62.0	62.3
≥ 2500 ≥ 2000	57.8			62.9	63.2	63.2	64-0	64.1	64.3	64.6	64.7	64.7	64.7	64.7	64.7	65.
	60.0		66.8	67.1	67.6	67.6	68.3	68.4	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.3
≥ 1800 ≥ 1500	60.3				68.4	68.6	69.3	69.4	69.7 73.2	69.9	70.0	70.0	70.0	70.0 73.6	76.0	70.3
≥ 1200	62.1	68.4 71.3	70.8	71.2	72.0	72.1 75.3	72.9 76.1	73.0	76.4	73.4	73.6	76.8	76.8	76.8	76.8	77.1
, ≥ 1000	64.0	73.1	75.9	, , , , =		78.2	79.1	79.4	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.3
≥ 900	65.3		76.7	77.7	79.2	79.7	80.6	80.9	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.8
≥ 800	65.7	74.9	l i	79.2	80.9	81.4	82.7	83.2	83.4	84.0	84.1	84.1	84.1	84.1	84.1	64.4
- ≥ 700	65.9			79.7	81.4	82.1	83.6	84.3		85.2	85.3	85.3	85.3	85.3	85.3	85.7
≥ 600	66.0		· ·			84.2	86.3			88.3	88.7	88.7	89.0	89.0	89.0	9.3
≥ 500	66.1	76.2		81.9		86.0	88.6			91.4	91.8	91.8	92.1	92.1	92.1	92.4
≥ 400	66.4				85.7	86.8	89.3			92.9	93.3	93.3	93.9	94.1	94.1	94.7
≥ 300	66.4				86.0	87.3	90.3				94.6	94.6	95.2	95.4	95.4	96.2
≥ 200	66.4				86.2		1	92.4		94.4	95.2	95.2	96.0	96.2	96.3	97.3
≥ 100	66.4							92.4		94.4	95.2	95.2	96.0			97.8
_ ≥ 0	66.4	76.6	80.1	82.3	86.2		90.6			94.4	95.2	95.2	96.0	96.2	96.9	20.

TOTAL NUMBER OF OBSERVATIONS

- 30C

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE. N. C. 28801

### CEILING VERSUS VISIBILITY

24292 COMOX BC DGT APT STATION NAME

54-63

ADA

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-200-

							VISI	BILITY (ST.	ATUTE MIL	.ES)						
CEILING (FEET)			1		:			1								
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3 !	≥ 2 1/2	≥ 2	≥ 1 ½	≥ 1 1/4	≥ 1	≥ 3/4	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	:	1	•			+	1	- i	‡						‡	
≥ 20000	30.0	30.1	30.6	30-6	33.6	30.6	3.5 - 7	30.7	30-7	30.8	30.8	30.8	31.1	31.1	31.3	32.3
≥ 18000	30.0	30.1	30.6		30.6						30.8					
1 ≥ 16000	30.1	30.2		30.7	30.7		30.8					30.9		31.2	31.4	
. ≥ 14000	3C.3	30.4	36.9		30.9		31.5				31.1			31.4	31.7	
≥ 12000	32.0	32.3		33.1	33.1		33.2					33.3	33.7	33.7	33.9	34. C
≥ 10000	35.9	36.6	37.4	37.4	37.4		37.6					37.7	38.0	38.0	38.2	39.1
≥ 9000	37.3	38.2	39.1	39.1	39.1	39.1	39.4	39.6	39.6	39.7	39.7	39.7	40.0	40.0	40.2	41.1
≥ 8000	40.1	41.6	42.4	42.4	42.4	42.4	42.8	42.9	42.9	43.0	43.0	43.0	43.3	43.3	43.6	44.4
≥ 7000	41.2	42.8	43.7	43.7	43.7	43.7	44.0	44.1	44.1	44.2	44.2	44.2	44.6	44.6	44.8	45.7
≥ 6000	42.6	44.1	45.0	45.0	45.0	45.0	45.3	5.4	45.4	45 . 6	45.6	45.6	45.9	45.9	46.1	47.0
≥ 5000	44.9	46.8	47.8	47.8	47.8		48.2				48.4	+				
≥ 4500	46.2	48.2	49.2	49.2		49.2			49.8	1		49.9			50.4	
≥ 4000	49.1	52.1	53.7	53.7	53.7	53.7					54.3				54.9	55.8
≥ 3500	51.0	54.7	56.3		56.3					57.0		57.0			57.6	
_ ≥ 3000	54.1	59.0		61.1	61.7	61.7								62.8		
≥ 2500		62.1	64.6		65.4	65.4		66-4			66.6	66.6	66.9		67.1	68.€
≥ 2000		64.2									69.0			69.3		
≥ 1800	57.7	64.9					69.4		69.7			69.8		70.1	70.3	
≥ 1500			70.4								73.0				73.6	
≥ 1200 ≥ 1000	60.6	70.6					77.4		77.7	77.8		ı		1	78.4	
	61.4	72.1			78.3						80.7			81.0		
≥ 900 ≥ 800	62.3	73.6	78.2				83.1				83.6				84.1	85.
≥ 700	62.4		79.7		83.2						86.1			86.4		
≥ 600	62.6					85.0					90.0			88.6	88.9	
≥ 500	62.7	75.8	81.6			86.8					91.9			92.2	92.4	
≥ 400	62.9		81.9		87.5						93.3			93.7	- 1	
≥ 300		76.1	82.0		88.0						94.8				95.9	
≥ 200	63.0	-			88.2	89.1					95.0					
≥ 100				84.6							95.0					
≥ 0	63.0	76.3	82.2		88.2	89.1	92.0		93.7		95.0	95.0		1	96.4	, ,
· · · · · · · · · · · · · · · · · · ·		<del></del> .			× × z.k.					- <del> </del>	Y			_ <del></del> .		

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 26801

#### CEILING VERSUS VISIBILITY

24292 COMOX HC DOT API STATION NAME

54-63 !\C/

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY (ST	ATUTE MILE	ES)						
CEILING																
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	> 2 1/2	<b>≥</b> 2	≥ 1 ⅓	≥ 1 1/4	≥ 1	≥ 3/4	≥ %	≥ y <sub>2</sub>	2 <b>5</b> /16	> 1/4	≥ 0
NO CEILING ≥ 20000		20 4						3.0	·							!
1-	29.7	29.8	29.8	29.9					3 . 7							
≥ 18000 > 16000	29.7		29.8	-	- 1		i	1		I			31.5	. 1	31.7	
	29.7	29.8			30.4	36.4		30.7	30.7		31.4	31.4	31.5	31.5	31.7	
≥ 14000	30.1	- 30 - 3∤	30.3	30.4	30.8	30.8	3C.9	31.1	31.1	31.6	31.8	31.8	31.9	31.9	32.1	32.6
2 12000	32.1	32.3	32.5	32.7	33.1	33.1	33.3	33.5	33.5	33.9	54.1	34.1	34.3	34.3	34.5	34.9
≥ 10000	36.4	36.5	36.7	36.9	37.4	37.4	37.5	37.7	37.7	38.2	38.4	38.4	38.5	38.5	38.7	39.2
≥ 9000	37.8	37.9	38.2	38.4	38.8	38.8	38.9	39.2	39.2	39.6	39.8	39.8	39.9	39.9	40.2	40.6
≥ 8000	40.6	40.7	40.9	41.3	41.7	41.7	41.8	42.0	42.0	42.5	42.7	42.7	42.8	42.8	43.0	43.5
≥ 7000	42.0	42.3	42.5	42.9	43.4	43.4	43.5	43.7	43.7	44.2	44.4	44.4	44.5	44.5	44.7	45.7
> 6000	43.5	43.9	44.2	44.6	45.1	45.1	45.2	45.4	45.4	45.8	46.1	46.1	46.2	46.2	46.4	46.9
≥ 5000	47.3	48.5	48.7	49.2	49.6	49.6	49.7	49.9	49.9	50.4	50.6	50.6	50.7	50.7	<u> 50.9</u>	51.4
≥ 4500	49.4	50.6	51.1	51.5	51.9	51.9	52.1	52.3	52.3	52.7	52.9	52.9	53.1	53.1	53.3	53.7
≥ 4000	52.4	55.1	55.6	56.1	56.5	56.5	56.6	56.8	56.8	57.3	57.5	57.5	57.6	57.6	57.8	58.3
≧ 3500	54.2	57.4	58.0	58.4	59.2	59.2	59.3	59.5	59.5	60.0	60.2	60.2	60.3	60.3	60.5	61.:
≥ 3000	57.3	61.5	62.3	62.8	64.1	64.1	64.2	64.4	64.4	64.8	65.1	65.1	65.2	65.2	65.4	65.5
≥ 2500	58.7	64.1	64.8	65.6	66.9	66.9	67.0	67.2	67.2	47.6	67.9	67.9	68.0	68.0	68.2	68.6
≥ 2000	60.8	67.0	67.9	68.7	70.1	70.1	70.2	10.4	70.4	70.9	71.1	71.1	71.2	71.2	71.4	71.9
≥ 1800	61.7	68.2	69.3	70.2	71.5	71.5	71.6	71.9	71.9	72.3	72.5	72.5	72.6	72.6	72.9	73.3
≥ 1500	62.5	70.5	71.7	72.6	74.6	74.7	74.9	75.1	75.1	75.5	75.8	75.8	75.9	75.9	76.1	76.5
≥ 1200	64.1	73.3	74.9	75.8	78.4	78.5	78.8	79.0	79.0	79.4	79.6	79.6	79.8	79.8	80.0	33.4
_ ≥ 1000	64.8	74.6	76.3	77.2	80.5	80.6	80.9	81.1	81.2	81.8	82.0	82.0	82.1	82.1	\$2.3	82.5
≥ 900	65.5	75.6	77.8	78.6	82.2	82.3	82.5	82.9	83.0	83.5	83.8	83.8	83.9	83.9	84.1	84.5
. ≥ 800	66.0	76.5	78.9	86.1	83.8	83.9	84.3	84.8	84.9	85.5	85.8	85.8	86.1	86.1	86.3	86.8
≥ 700	66.2	77.4	79.9	81.6	85.7	85.8	86.3	86.8	86.9	87.5	87.8	87.8	88.1	88.1	88.3	88.8
≥ 600	66.4	77.8	80.5	82.3	67.3	87.5	88.1	88.5	88.7	,	89.7	89.7	90.0	90.0	90.2	90.7
≥ 500	67.2	78.6	81.4	83.2	88.4	88.8			90.0		91.4	91.4		91.8	92.0	
≥ 400	67.2			83.9			90.9						- 1		- 1	
≥ 300	67.2					90.0				93.8		94.4			95.2	95.€
≥ 200	67.2								92.9				,	95.4	95.9	
≥ 100	67.2			83.9			1	-1	93.0			94.9			96.3	
≥ 0	67.2	1	81.4	83.9	89.4	90.2	91.8	92.9		94.1		94.9		' '	96.6	- 1
•													2.5 m. 11			

TOTAL NUMBER OF OBSERVATIONS

899

24 92 COMOX BC DOL API STATION NAME

54-63

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000 0-020-

NO CEILING ≥ 20000 ≥ 18000 ≥ 16000	≥ 10 25.4 25.4	≥ 6 25.5	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 ½ ¦	ATUTE MIL							
NO CEILING ≥ 20000 ≥ 18000 ≥ 16000	25.4 25.4	25.5		≥ 4	≥ 3	≥ 2 1/2	≥ 2	> 1 1/ <sub>2</sub>	~							
≥ 20000 ≥ 18000 ≥ 16000	25.4		25 5					1/2	≥ 1 1/4	2.1	≥ 1/4 :	- 1/	: 1/2	≥ 5/16	≥ 1/4	≥ 0
≥ 20000 ≥ 18000 ≥ 16000	25.4		25 5	1	4		1	1		- [				1		!
≥ 18000 ≥ 16000	25.4		25 5			1		ĺ	1	1	1					
≥ 16000		25 6	6202	25.6	25.6	25-6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
_i+_4	25.6	25.5	25.5	25.6	25.6	25.6	.75.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.4
33,000		25.7	25.7	25.8	25.0	25.8	25.8	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 14000 ¦ ,	25.7	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.4	25.9	25.9	25.9
≥ 12000	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.Z
≥ 10000	30.1	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.
≥ 9000	31.6	32.4	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.5
	33.3	34.0	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.5
≥ 7000	34.8	35.5	35.6	35.7	36.0	36.	36.0	36.0	36.6	36.0	36.C	36.0	36.0	36.0	36.0	36.0
	35.0	35.7	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 5000	37.2	38.0	38.1	38.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	ه و 8و
	38.9	40.0	40.3	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.	41.0	41.0	41.
≥ 4000	41.9	43.8	44.1	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 3500	44.5	47.6	48.0	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.
≥ 3000	47.9	51.8	52.3	53.0	54.0	54.0	54.0	54.0	54.C	54.0	54.0	54.0	54.0	54.0	54.0	54.
≥ 2500	51.0	56.3	57.1	57.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.
≥ 2000	53.3	59.2	60.1	60.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 1800	53.7	59.7	60.6	61.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 1500	56.4	63,5	64.9	66.3	68.4	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	(18.)
	58.4	67.6	69.6	71.3	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 1000	60.0	70.6	72.8	74.7	78.1	78.5	79.0	79.1	79.1	79.7	79.7	79.7	79.8	79.8	79.8	79.F
	60.1	72.3	74.7	76.7	80.7	81.1	81.6	81.7	81.7	82.2	82.3	82.3	82.5	82.5	82.5	82.5
≥ 800	60.2	73.6	76.7	79.1	83.3	83.6	84.3	84.5	84.5	85.0	85.1	85.1	85.3	85.3	85.3	85.3
	6(.4	75.8	79.2	81.8	86.2	86.5	87.5	87.7	87.7	88.3	88.4	88.4	88.5	88.5	88.5	88.5
≥ 600	60.5	76.5	80.3	83.4	87.9	88.5	89.9	90.3	90.3	90.9	91.0		91.1	91.1	91.1	71.1
	60.6	77.0	80.9	84.3	89.2	90.0	72.1	92.8			93.4	93.4	93.6	93.6	93.6	93.6
	60.7	77.4	81.4	85.0			93.9	94.6		95.2	95.3	95.3	95.5	95.5	95.5	95.5
	60.7	77.5	81.5	85.3	90.9	91.7	94.2	95.0	95.0		96.1	96.1	96.4	96.4	96.7	96.7
	65.7	77.6	81.7	85.5	21.4	92.2		95.9		96.7		97.1	97.5	97.5	97.7	97.7
	66.7	77.6	81.7	85.5	91.4	92.2	94.9					97.5	98.2	98.4	98.7	98.7
≥ 0   3	60.7	77.6	81.7	85.5	91.4	92.2	94.9	95.9	95.9	96.9	97.5	97.5	98.2	98.4	98.7	100.

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_ 929

24292 COMUX BL DOT API STATION NAME

54-63

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-05<u>00</u>

CEILING							VISI	BILITY (ST	ATUTE MIL	ESI						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	'≥ 2	= 1 ½	≥ 11/4	2.1	± 1/4	~ 5 <sub>0</sub>	٠ ٧,	: 5/16	> 1/4	≥ 0
NO CEILING	-		i		·	· · · · · · · · ·	i	~ }		:	4				•	•
20000	21.1	21.2	21,2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
> 18000	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 16000	21.1	21.2	21.2	21.3	21.3	21.3	1.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	21.7	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
12000	22.8	22.9	22.9	23.0	23.0	23.0	23.0	23.C	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23. c
≥ 10000	26.1	26.3	26.3	26.5	26.5	;	26.6			26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 9000	27.8			28.3	28.3		28.4				28.4	28.4	28.4	28.4	28.4	28.4
8000	30.0	30.3	30.3	30.4	30.4	30.4	30.5	30.5	30.5	30.5	39.5	30.5	30.5	30.5	3 ^ 5	33.5
≥ 7000	31.2			32.2			32.4	32.4				32.4		32.4	32.4	32.4
≥ 6000	31.6	32.4	32.4	32.6	32.9	32.9		33.0			33.0	33.0	33.3	33.0	33.0	33.0
≥ 5000	34.2			36.1	36.2	36.2	36.3				36.3	36.3	36.3	36.3	36.3	36.
. ≥ 4500	35.2								37.6		i		37.6	37.6	37.6	37.6
≥ 4000		46.5		41.5		41.6							41.7	41.7	41.7	41.7
3500	39.9	1		44 - 8	45.1	45.1	45.2				1	45.2	45.2	45.2	45.2	45.2
≥ 3000	44.6			51.4	51.7	51.7	51.8	51.8		51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 2500	47.6			56.2		56.8			56.9		56.9	56.9	1		>6.9	56.9
2: 2000	49.6					59.8						59.9	59.9	59.9	59.9	59.9
≥ 1800 ≥ 1500	50.5		59.6	60.4			61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	
- <b></b>	53.0		63.8			65.6					65.7	65.7	65.7	65.7	65.7	65.7
≥ 1200 ≥ 1000	55.1	64.4		68 - 6	70.0		70.5			70.5		70.5	. 1	70.5	70.5	
· · · · · · · · · · · · · · · · · · ·	56.3	67.1	70.5					75.3	75.3			75.8	75.8	75.8	76.0	76.
≥ 900 ≥ 800	57.1	69.7	1	- (	1	78.0	78.7		78.8		79.4	79.4	79.4	79.4	79.6	
1	57.5	71.2	75.3			80.5	61.4		81.5	82.0			82.0		82.3	
≥ 700 ≥ 600	57.7	72.7	77.3	80.3		83.4	64.3			85.1	85.1	85.2	85.2	85 - 2	85.4	
<u> </u>	58.2	74.2		82.8		66.5			87.6		88.5					
≥ 500	58.3					89.5			90.9		91.7	91.8		92.0	92.3	92.3
	58.7					90.6						93.8		94.0	94.2	94.2
≥ 300	58.7		82.0	- 1		91.2						95.5		96.1	96.3	
j	58.7					91.8								97.5	97.8	
≥ 100	58.7		82.5			91.8	93.7								98.9	
F	58.7	76.8	82.5	86.9	90.9	91.8	93.7	94,7	74.7	96.1	46.8	97.0	98 • C	98.3	99.0	100 - 0

TOTAL NUMBER OF OBSERVATIONS 931

DATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

24232 COMOX BE DOT API 54-63
STATION NAME YEARS

3600-1 40;

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

																_
CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						- 1
(FEET)	i	i	. 1	ī	ı			j								~
, ,	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	~ 2	≥ 1 1/2	≥ 11/4	≥ 1	≥ ¾	≥ 3/6	∴ //₃	⊴ 5/16	- W	≥ 0
NO CEILING	i	+				· †	+		:	!	+				- •	
20000	22 .	22 4	22 B	22.8	22 4	22.9	22 8	22.8	22.8	22.8	22.8	22.8	22. si	22 8	72.8	27.9
≥ 18000				22.8												
1 ≥ 16000	22.6			22.8										22.8		
1 ≥ 14000	22.7								22.9					22.9		22.9
≥ 12000	23.9					24.1			24.1					24.1	24.1	24.1
≥ 10000	26.2					26.9			26.9					26.9		26.9
≥ 9000	27.1	27.7							27.8							- 1
> 8000	28.8					29.8			29.8						29.8	29.8
≥ 7000	29.4			30.6	_				30.6						30.6	30.6
≥ 6000	29.8				31.3				31.3							31.3
≥ 5000	32.2	34.2	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 4500	32.6	34.9	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4000	34.7	38.5	38.9	39.0	39.4				39.4			39.4	39.4	39.4	39.4	39.4
≥ 3500	36.2	40.3	40.8	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
_ ≥ 3000	41.9	47.3	48.1	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	49.0
≥ 2500	45.8	51.9	52.7	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53 ∙ ₺
≥ 2000	48.6	55.8	56.7	57.1	57.6	57.6	57.6	57.6	57.6				57.6	57.6	57.7	57.a
≥ 1800	50.2	57.6			59.5								59.5	-	59.6	- 1
≥ 1500		61.2			64.0				64.4				64.4	64.4	64.5	54.6
≥ 1200	54.3								69.5			69.6	69.6		69.7	69.8
≥ 1000		68.8				74.2			75.2			75.5		75.6	75.7	
≥ 900	57.4				75.7						77.6		77.6		77.8	1
≥ 800	58.8								80.9					81.7		91.9
≥ 700 ≥ 600	59.7										84.8		85.2	85-3	85.4	85.5
	60.0		80.3		85.1				87.6					88.7	88.8	88.9
≥ 500 ≥ 400	60.3									92.0		92.5	92.8		93.0	93-1
<u> </u>	60.6		82.6		88.5				93.0							75.4
≥ 300 ≥ 200	60.6			85.5		90.1					95.3	95.4	95.9	96.0	96.2	96.5
	60.6			85.6												97.5
≥ 100 ≥ 0		78.7		85.6												
	60.6	78.7	82.8	85.6	88.9	90.3	92.9	93,9	94.1	95.6	45.9	40 · [	71.1	91.1	A8 - 9	L J ( • )

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION FTAC. USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24272 COMOX BC LGT APT STATION NAME

54-<u>63</u>

. DEG. \_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-110 HOURS (LS T.)

							VI5I	BILITY (ST	ATUTE MIL	ES)						
CEILING	17				,											
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	-≥ 2	: 1 1/2	≥1%	≥1,	≥ ¾	≥ 3/6	≥ 1/2	≥ 5/16 <u>:</u>	≥ 1/4	≥ 0
NO CEILING	i				1			· —	· •							
≥ 20000	20.3	21.0	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 18000			21.4													
≥ 16000			21.5													
≥ 14000			21.8													22.
≥ 12000			23.2													23.4
≥ 10000			25.4													
≥ 9000		26.7							27.0							
≥ 8000			29.6													
≥ 7000			33.8													31.1
> 6000	37.4		32.0													32.4
≥ 5000	33.4	34.9	35.1	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4500	33.9	35.4	35.5	35.7	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
. ≥ 4000	36.1	37.7	37.8	38-1	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
> 3500	38.0								40.3				40.3	40.3	40.3	40.3
_ ≥ 3000	44.0	46.3	46.7	47.0	47.2	47.3	47.4	47.4	47.4			47.4	47.4	47.4	47.4	47.6
≥ 2500	47.2	50.6	51.2	51.7	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.7
≥ 2000	51.3	55.2	55.8	56.5	57.6	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7
≥ 1800	51.8	55.9	56.6	57.3	57.8	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
ૄ ≥ 1500	54.4	59.5	60.2	61.1	61.9	62.4	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.1
≥ 1200	56.6	63.8	64.8	65.7	67.0	67.4	68.0	68.3	68.3	68.4	68.7	68.8	68.8	68.8	68.8	69.
≥ 1000	58.4	67.1	68.5	69.7	71.0	71.6	72.3	72.8	72.8	72.9	73.3	73.7	73.9	73.9	73.9	74-1
≥ 900	59.1	68.9	70.3	71.8	73.4	74.5	75.2	75.8	75.8	76.0	76.5	76.8	77.0	77.0	77.0	77.2
_ ≥ 800	60.3	71.4	72.9	74.8	77.0	78.2	78.8	79.6	79.6	79.8	80.2	80.6	80.9	80.9	80.9	81.1
≥ 700	61.3	73.0	74.8	77.0	79.5	80.9	31.8	82.6	82.6	82.8	83.3	83.9	84.1	84.2	84.2	84.4
≥ 600	61.3	74.9	76.9	79.6	82.9	84.6	85.8	86.6	86.6	87.0	87.5	1.88	88.3	88.4	88.5	88.7
. ≥ 500	62.4	76.0	78.5	81.2	85.6	87.4	88.88	90.C	90.0	90.9	91.5	92.0	92.3	92.4	92.6	92.9
≥ 400	62.4								92.0			94.4				
≥ 300	62.4	76.8	79.5	82.3	87.4	89.5	91.9	93.5	93.7	94.9	95.9	96.5	96.8	96.9	98.0	98.7
≥ 200	62.4	76.8	79.5	82.4	87.5	89.6	92.2	93.9	94.0	95.3	96.2	96.9	97.4	97.6	98.9	49.7
≥ 100	62.4	76.8	79.5	82.4	87.5	89.6	92.2	93.9	94.0	95.3				97.7	99.2	120.0
≥ 0	62.4				87.5				94.0			97.0			99.2	
	-										_					

TOTAL NUMBER OF OBSERVATIONS

242.92 COMUN EC. LICT. APT STATION NAME

54-63

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VIŞi	BILITY (ST.	ATUTE MILI	ES}						
CEILING IFEET:																
1120.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	-> 2	~ 1 1/2	31%	≥ 1	≥ 1/4	≥ %	· 1/2	= 5/16	≥ ¼	≥ 0
NO CEILING			•			٠		! 		!		•		:	•	
~ 20000	21.2	22.2	22.2	22.2	22.2	22.2	22 - 2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.4
> 18000	71.5	22.5	22.5	22.5		22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.
> 16000	21.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
> 14000	22.9	23.9	23.9	23.9	23.9	23.9	23.9	23.0	23.9	23.9	23.9	23.9	23.	23.9	23.9	23.9
12000	24.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 10000	28.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 9000	29.2	33	30.3	30.3	30.3	30.3	30.3	30.3	30.3	33.3	3€.3	30.3	30.3	30.3	30.3	3 • 2
≥ 8000	31.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	37.2	32.2	32.2	32.2	32 • 2
_ ≥ 7000	. 32.0	33.5	33.5	33.5	33.7	33.8	33.8	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
7 6000	33.4	34.6	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.5	34.8	34.3	34.8	34 . G
> 5000	35.2	37.0	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 4500	35.7	37.7	37.7	37.7	37.R	38-0	38.0		I	38.0	38.0	38∙≎	38.0	38.0	38.0	38.
≥ 4000	38.4	41.1	41.2	41.2	41.3	41.4			41.4			41.4			41.4	41.4
> 3500	39.4	42.3	42.4	42.5	42.6	42.7	42.7		42.7		42.7	42.7	42.7		42.7	42.7
≥ 3000	43.4	47.7	48.2	48.3	48.4	48.5				48.5	48.5	48.5	48.5	49.5	48.5	43.
≥ 2500	48.1	54 - 4	54.8	54.9	55.2	55.3		55.3	55.3		55.3	55.3	55.3	1	55.3	75 • 3
<u>≥</u> 2000	50.9	58.2	58.7	58.8	59.1		59.6				59.6	59.6	59.6	57.6	59.6	34. S
≥ 1800	51.3	58.8	53.4	59.5	59.8	1	60.2		60.2	60 - 2		60.2	60.2	6(.2	50.2	<b>0</b>
≥ 1500	54.9	64.1	64.8	65.3	65.8	66.2	66.2		66.5	66.6	66.7	66.7	66.7	66.7	56.7	66.7
≥ 1200	56.2	67.5	68.7	69.2	70.2	70.6	71:06	71.0	71.0	71.1	71.2	71.2	71.2	71 - 2	71.2	71.0
≥ 1000	58.1	7:•4	71.8	72.4		74.3	74.5	74.8	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3
> 900 ≥ 800	28.4			73.8	75.8	76.3	76.9	77.2	77.2	77.7	77.8	77.8	77.8	77.8	77.8	17.
-	54.4	7.8	75.9	77.1		86.2	80.8	81.4		81.9	82.C	82.0	82.2		82.4	22.4
≥ 700 ≥ 600	67.1	75.2	77.6	79.5	_	83.4	84.4	- 1	85.1	85.6		85.8	85.9		86.1	86.1
	60.6		78.8	85.9					88.0			88.9	89.0		39.4	59.4
≥ 500 ≥ 400	61.0	77.4		82.8	88.1		41.3			93.0	93.4	93.5	- 1	93.8	94.2	94.4
F	Glei	77.8	81.0	83.8		96.9				95.2		95.8			97.	7.2
≥ 300 ≥ 200	61.	77.8		84.0	89.6			. 1	95.7	1	97-2		97.8		98.9	38.3
,	61.2	77.8		84.0		91.6					97.8			98.8		<del>99.3</del>
≥ 100	61.2		81.0	84.0	1				96.0							
	6 Lac	77.8	81.0	84-0	89.7	91.6	93.8	92.6	96.0	91.3	91.5	98. I	7.g • U	75.81	rőo• ən	لنعمد

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION FTAC. USAF ASHEVILLE. N. C. 28801

#### CEILING VERSUS VISIBILITY

24292 COMEX EL DOT APT STATION NAME 54-63 PERCENTAGE FREQUENCY OF OCCURRENCE

VISIBILITY (STATUTE MILES) CEILING  $\geq 10 \quad \geq 6 \quad \geq 5 \quad \geq 4 \quad \geq 3 \quad \geq 2\%, \quad \approx 2 \quad \approx 1\%, \quad \geq 1\%, \quad \geq 1\%, \quad \geq 1\%, \quad \approx 1\%, \quad$ (FEET: 20000 18000 2 16000 ≥ 14000 ≥ 10000 ≥ 8000 ≥ 7000 ≥ 6000 > 5000 ≥ 4500 ≥ 4000 > 3500 ≥ 3000 ├ ≥ 2500 ≥ 1800 ≥ 1500 ≥ 1200 900 800 500 100

(FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF OBSERVATIONS

BATA PROCESSING DIVISION ETAC. USAF ASHEVILLE, N. C. 28801

### CEILING VERSUS VISIBILITY

24202 \_ CEMEX EC HOI API STATION NAME

24-63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISI	BILITY (STA	TUTE MILE	ES}						
CEILING																
(FEET)	≥ 10	≥ 6	≥ 5	> 4	≥ 3	> 2 V2	: 2	1 1/2	≥ 1 1/4	≥ 1	≥ ¾	≥ %	- 1/2	₫ 5/16	≥ ¼	≥ 0
!											į.				+	
NO CEILING 20000			::		5.5			25 7		2/ 2	25 7	25 7	9 E 7	7 E 7	25.7	. 71
		25.3	25.3			25.6						25.7				- <u>€ .                                  </u>
> 18C00 ≥ 16000	24.5	25.4	25.4	L.			- 1	25.4	- 1				22.9	25.9 25.9	i	23.7
	24.5	2:4		25.8	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	27.3	27.3	27.3	27.
≥ 14000 ≥ 12000	25.9	26.8	26.8	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3		28.9		28.9
	27.5	25.4	28.4	28.8	28.5	28.8	28.8	28.9	28.9	<u> 28 - 의</u>	28 • 9	28.9		32.0	32.0	32
≥ 10000 ≥ 9000	30.5	31.5	31.5	31.9	31.9	31.9		32.0	32.0	32.0	32.0	32.0	32.		33.0	33
	31.4	32.5	32.5	32.9	32.9		32.9	33.0	33.	<u>33 • C</u>	33.C	33.0	33 <u>• (</u>	33.		
≥ 8000	33.9	35.2	35.3	35.8	35.8	35.8	35.9	36.0	36.0	36.9	36.0	36.	36.3	36.0	30.0	36.
	35.5	37.1	37.3	37.8	37.8	37.8	36.0	38.1	38.1	36 -1	36.1	38.1	38.1	38.1	38.1	36 • 4
≥ 6000 > 5000	35.9	37.5	37.7	38.4	38.4	38.4	38.5	38.6	38.6	i	38.6		38.6		38.6	. i
	39.4	41.4	41.7	42.4	42.5	44.5	42.6	42.8	42.8	42.8	42.8		42.8		42.8	42.3
≥ 4500 > 4000	40.2	42.8	43.1	43.8	44.1	44.1	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	48.4
	42.6		46.8		48-1	48.1	48.2	48.4	48.4	48.4		48.4	48.4		48.4	
3500	44.4		49.1	49.8	50.6		50.8	51.	51.0	51 - C	51.0	51.0	51.	51.0	51.9	51.
≥ 3000	48.9		54.4	55.1	55.9	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.
≥ 2500	5ۥ8	57.7	58.4	59.5	60.8	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	51.1	61.1
≥ 2000	33.1	6 6	61.5	62.7	64.	64.	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	54.5	64.
≥ 1800	53.4	61.5	62.0	63.2	64.5	64.5	64.8	65.1	65.l	65 - 1	65.1	65.1	65.1		65-1	65.1
≥ 1500	54.7	64.3	65.3	67.	68.0		69.0	69.2	69.2	67.4		69.4	69.4		69.4	50 - 4
≥ 1200	56.5	67.6	69.5	71.4	73.2	73.7	74.2	74.4	74.4	74.5	74.5	74.5	74.5		74.5	74.
. ≥ 1000	ا 8ء	74	12.3	74.7	77.1	77.5	78.1	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	<u>78.€</u>
> 900 > 800	28.3	71.6	74.5	77.1	80.1	80.5	81.2	81.6	81.6	81.8	81.9	81.9	81.9		81.9	81.9
1-	ـ . 8 د	72.3	75.5	78.3	82.6		83.9	84.4	84.4	84.6	34.7	84.7	84.7	84.7	84.7	24 - 7
≥ 700 ≥ 600	58.5	74.3	77.5	80.5	85.3	85.8	87.3	88.0	88.2	88.3	88.4	88.4	88-4		38.4	88 - 4
H	59.	75.2	78.9	82.7	88.3	88.8	91.4	92.5	92.5	92.8		92.9	_92.9	92.9	2.9	260
> 500	59.	72.7	79.5	83.4	89.1	89.7	93.2	94.3	94.4	94.9	95.1	95.1	95.1		95.1	95 - 1
. ≥ 400	. 39a5	76.1	30.0	84.2	90.1	90.6	24.7	96.C	90.1	96.8		96.9		91.1	<del>27.1</del>	27.1
≥ 300	59.5	75.1	30.1	84.3	90.4		- 1	96.3	96.5	97.2	97.3	97.3	97.8		07.8	77 • di
≥ 200	59.5	76.1	تمتد	84.4	30.5	91.2	95.5	96.8	96.9			98.1		98.6		36 - 5
> 100	59.5		80.2	64.4	90.5				- 1	97.8	I	98.1			98.8	
_ ≥ 0	53.5	16.1	50.2	84.4	90.5	91.2	95.5	96.8	96.9	97.B	98.1	98.1	98.6	98.6	99.1	لعطنا

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ . 934

50523

#### CEILING VERSUS VISIBILITY

24292 COMULA AC OTTL APT 54-63

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET)  $\geq 6$   $\geq 5$   $\approx 4$   $\approx 3$   $\approx 2\gamma_1$   $\approx 2$   $\approx 11\gamma_1$   $\approx 11\gamma_2$   $\approx 1$   $\approx 3\gamma_4$   $\approx 3\gamma_1$   $\approx 5/16$   $\approx 3\gamma_4$ NO CEILING ~ 20000 ≥ 16000 ≥ 14000 2 12000 ≥ 9000 . 8000 ≥ 7000 ≥ 5000 ≥ 4500 > 4000 3500 ≥ 2500 ≥ 2000 ≥ 1500 ≥ 1200 ≥ 1000 ≥ 900 ≥ 800 ≥ 700 > 600 500 400 300 > 200 60. 77.6 81.8 86.5 92.3 92.8 94.7 95.2 95.3 96.8 97.0 97.0 97.4 97.4 97.4 97.4 60.0 77.6 81.8 86.5 92.3 92.8 94.8 95.4 95.5 97.1 97.3 97.3 97.8 97.8 98.3 98.4 60.0 77.6 81.8 86.5 92.3 92.8 94.8 95.4 95.5 97.1 97.3 97.3 97.8 97.8 98.5 90.3 98.4 100

TOTAL NUMBER OF OBSERVATIONS

43.

#### PART D

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning some time in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	WENTES
0	0
1	1
2	3
3	4
•	5
5	
	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION ETAC, USAF ASHEVILLE, N.C. 29801

SKY COVER

24292

COMUX BC DOT APT

54-63

ALL

STATION

STATION NAME

PERIOD

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

	HOURS			PERC	ENTAGE FR	EQUENCY	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JAN	ALL	6.7	3.1	2.8	2.6	2 • 2	1.6	2.1	3. l	5.4	11.0	59.5	8.7	7438
FEB		9.0	4.1	3.2	3.1	2.4	1.9	3.0	4.4	7.2	11.2	50.6	7.5	676
MAR		0.6	4.1	4.5	4.1	3.7	3.7	4.2	5.9	9.3	13.2	37.9	7.0	743
APR	: }	9.6	4.6	6.5	5.1	4.4	4.0	4.7	6.7	9.6	14.2	30.7	6.6	7196
MAY		12.9	8.1	6.7	5.7	4.7	3.9	5.3	6.9	8.8	13.1	23.9	5.8	7433
JUN		5.3	6.3	5.9	5.4	5.1	4.6	4.9	7.6	11.8	17.9	25.4	6.7	719
JUL		21.2	11.9	8.7	6.0	4-1	4.1	3.9	5.6	8.2	12.11	14.4	4.6	7427
AUC	·	17.4	9.6	7.3	6.3	4.2	3.8	4.2	6.5	8.7	14.3	17.6	5.3	7434
SEP		18.0	7.2	6.2	5.3	4.0	3.3	3.7	5.4	8.0	12.6	26.4	5.7	7168
act	1	7. C	4.1	4.7	4.4	3.9	3.5	3.1	5.3	7.9	14.6	41.5	7.3	742
NOV		5.0	3.5	4.3	3.4	3.3	3.2	3.7	4.8	6.4	12.1	50.3	7.7	719
DEC		4.4	3.0	3.3	2.7	2.5	2.5	2.7	4.0	5.8	10.0	59.0	8.1	743
101	TALS	10.5	5.8	5.3	4.5	3.7	3.3	3.8	5.5	8.1	13.0	36.4	6.7	8754

SKY COVER

24292

COMOX BC DOT APT

54-63

JAN

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY (	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
MAL	00-12	11.3	1.6	3.1	2.2	1.8	2.0	2.3	<b>3.</b> 0	4.8	5.8	62.0	7.8	93
	03-05	11.1	2.2	3. C	1.9	3.0	2.2	1.8	3.0	4.7	5.1	62.0	7.7	93
	06-08	5.3	3.4	2.4	3.2	2.8	1.5	1.8	2.8	6.1	10.4	60.2	8.1	93
	79-11	1.7	4.0	2.8	2.2	1.3	1.8	2.8	3.5	5.2	18.8	55.9	8.4	93
	12-14	2.5	3.8	2.7	2.3	1.8	1.8	1.4	3. 2	6.0	15.7	58.8	8.4	93
	15-17	3.9	3.7	2.8	2.8	2.5	1.2	2.5	4.3	6.1	15.5	54.9	8.2	929
	18-20	7.8	3.5	3.4	3.2	2.3	1.7	1.8	2.0	5.3	9.2	59.6	7.8	931
	21-23	9.8	2.3	2.0	2.9	2.3	. 9	2.3	3.3	4.6	7.1	62.5	7.9	92
+	-		1											
	1								- 4					
					: 					<u> </u>				· · · · · · · · · · · · · · · · · · ·
TOT	ALS	6.7	3.1	2.8	2.6	2.2	1.6	2.1	3.1	5.4	11.0	59.5	8.0	743

1210WS FORM 0.9-5 [Det 50] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

24292

1\_11

COMOX BC DOT APT

54-63

FEB

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY (	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
FEB	0C-C2	16.1	3.4	3.3	3.4	2.0	. 7	3.2	4.6	4.9	5.4	52.9	7.0	845
	03-05	14.3	3.3	3.0	2.7	2.8	1.9	2.5	3.3	5.0	5.7	55.6	7.2	846
	06-08	6.3	4.7	2.5	2.6	1.2	1.3	2.4	4.0	7.2	11.9	55.9	8.0	846
	09-11	3.7	4.7	3.8	1.8	1.5	1.9	1.5	3.3	8.7	16.9	52.1	8.1	846
	12-14	3.8	4.4	3.9	3.3	2.4	2.5	2.7	5. C	8.9	14.1	49.1	7.8	845
	15-17	4.1	4.7	2.6	3.0	3.3	1.9	3.7	5.7	11.1	15.8	44.1	7.8	846
	18-20	9.5	4.3	3.4	3.8	2.2	3.2	4.1	4.3	6.4	11.7	47.1	7.3	845
!	21-23	14.5	3.1	3.0	4.0	3.7	1.5	3.7	4.8	5.8	7.8	48.1	7.0	846
			+											
	·							· · ·			+		: 	<u>-</u>
τo	TALS	9.0	4.1	3.2	3.1	2-4	1.9	3.0	4.4	7.2	11.2	50.6	7.5	676

1210WS FORM 0.9.5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

24292

COMOX 8C DOT APT

54-63

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STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY C	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
MAR	00-02	22.3	3.5	4.0	4.2	3.4	2.7	3.1	4.1	6.7	6.3	39.7	6.1	93
	03-05	17.6	3.4	3.5	3.3	3.5	3.4	3.9	4.7	6.5	7.3	42.7	6.5	930
	06-08	4.0	5.2	3.7	2.7	3.2	4.0	3.2	6.1	11.5	17.3	39.1	7.5	93
	09-11	2.7	3.8	4.4	4.4	2.7	4.2	4.9	6.3	9.1	20.9	36.6	7.6	93
	12-14	1.2	4.1	5.2	4.2	3.9	4.0	5.4	7.4	11.5	19.5	33.6	7.5	93
	15-17	2.6	5.1	4.5	3.3	4.6	3.4	3.9	7.5	12.8	16.5	35.1	7.4	92
	18-20	8 <b>.</b> 0	5.0	5.6	4.4	4.6	4.2	4.2	6.3	9.6	11.8	36.4	6.8	92
	21-23	18.2	2.9	4.8	6.1	3.3	3.3	5.1	4.3	6.3	6.2	39.4	6.2	93
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						<del></del>			<del></del>				<del> </del>	
													<u> </u>	
τo	TALS	9.6	4.1	4.5	4.1	3.7	3.7	4.2	5.9	9.3	13.2	37.9	7.0	743

1210WS FORM | 0.9-5 (Det 50) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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COMOX 8C DOT APT

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STATION

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PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

MONTH	HOURS			PERC	ENTAGE FR	EQUENCY (	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL NO. OF
MUNIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
APR	002	24.2	3.0	4.9	5.0	3.8	3.4	3.7	4.6	6.0	7.7	33.8	5.7	900
	03-05	16.1	3.7	5.6	5.9	3.4	3.9	4.3	6.3	8.6	9.7	32.6	6.2	900
	06-08	4.8	5.2	5.8	4.3	3.3	4.5	4.3	6.6	12.7	18.8	29.6	7.0	898
	09-11	3.3	5.3	7.3	5.0	4.6	4.3	4.1	7.9	9.9	18.2	30.0	7.0	900
	12-14	1.9	5.7	6.7	6.1	5.3	4.6	4.9	7.4	10.6	17.9	29.0	7.0	900
	15-17	2.4	5.6	6.8	4.0	5.0	3.9	4.8	7.6	12.2	17.6	30.2	7-1	900
	18-21	6.2	4.6	8.1	4.5	4.5	3.5	6.9	7.5	10.7	16.1	27.5	6.7	898
	21-23	18.1	3.7	6.7	5.7	5.6	4.0	4.3	5.6	6.4	7.3	32.7	5.9	900
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	·									· · · · · ·			:	
10	TALS	9.6	4.6	6.5	5.1	4.4	4.0	4.7	6.7	9.6	14.2	30.7	6.6	7196

1210WS FORM 0.9-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SKY COVER

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COMOX BC DOT APT

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STATION NAME

PERIOD

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERC	ENTAGE FR	EQUENCY C	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MUNIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
MAY	00-02	29.7	4.4	5 - 6	<b>4.</b> ü	3.7	3.1	3.5	4.6	5.9	7.2	28.3	5.1	92
	03-05	18.0	8.1	5.7	5.8	3.2	3.2	5.3	5.2	7.2	11.3	27.0	5.6	921
	C6-08	10.2	7.3	6.5	6.5	4.5	3.4	4.8	6.7	8.0	18.3	23.9	6.2	930
	09-11	6.6	9.9	5.4	6.2	4.6	4.8	6.7	7.6	10.4	13.3	24.4	6.2	930
	12-14	3.9	9.8	7.8	7.0	5.4	4.5	6.3	9.5	9.1	16.d	20.6	6.2	93(
	15-17	4.7	8.8	8.6	6.3	5.7	3.3	5.1	9.2	11.7	15.5	21.0	6.2	930
	18-20	8.7	8.5	8.3	5.5	5.6	4.3	4.8	7.2	11.3	14.7	21.0	6.0	92
	21-23	21.2	7.9	5.7	4.6	5.0	4.3	5.6	5.3	7.0	8.2	25.2	5.3	92
			-									-		
			-										!	
10	TALS	12.9	8.1	6.7	5.7	4.7	3.9	5.3	6.9	8.8	13.1	23.9	5.8	743

1210WS FORM JUL 64 0.9-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

24292

COMOX BC DOT APT

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PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERC	ENTAGE FR	EQUENCY C	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	O85.
JUN	00-62	15.1	6.7	5.2	4.8	5.0	4.4	4.8	7.4	7.9	9.1	29.6	6.0	900
	03-05	. 8	7.7	6.3	6.1	4.8	1.8	4-8	4.7	12.2	16.0	29.9	6.7	900
	06-08	4.9	5.0	6.4	5.6	3.8	3.4	3.2	5.9	11.8	20.4	29.6	7.0	900
	09-11	3.1	5.1	5.9	6.7	6.2	4.9	4.7	7.4	11.2	21.6	23.2	6.8	900
	12-14	2.2	5.9	5.8	6.3	4.8	5.5	5.3	8.3	13.1	20.3	22.6	6.9	895
	15-17	1.4	5.7	6.1	4.2	6.0	6.2	5.6	10.2	13.7	18.2	22.6	6.9	899
	18-20	2.2	7.2	5.2	3.9	4.8	5.9	5 . 8	9.3	13.2	21.4	21.1	6.9	897
	21-23	7.8	6.9	6.1	5.3	5.4	4.3	5.2	7.3	11.2	15.9	24.4	6.4	900
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			-			 							<del></del>	
TO:	TALS	5.3	6.3	5.9	5.4	5.1	4.6	4.9	7.6	11.8	17.9	25.4	6.7	7191

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1210WS FORM 0-9-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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COMOX BC DOT APT

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JUL

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STATION NAME

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	-		PERC	ENTAGE FR	EQUENCY (	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL NO. OF
HTMOM	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JUL	00-02	39 <b>. 5</b>	8.0	5-6	5.2	2.7	2.7	3.0	2.8	5.4	6.9	18.2	3.8	92
	03-05	24.2	11.4	7.4	4.8	3.3	3.7	3.8	5.2	6.9	11.5	17.8	4.7	93
	06-08	19.5	11.3	6.3	5.6	3.1	3.2	3.5	5.4	8.2	18.2	15.6	5.1	92
	09-11	16.8	13.5	8.3	6.5	3.8	3.9	4.5	4.9	9.0	14.9	13.9	4.9	93
	12-14	11.0	16.9	11.3	6.1	5.2	3.5	5-1	7.1	8.4	13.4	12.0	4.8	930
	15-17	11.9	14.6	11.4	6.4	5.5	5.1	3.3	8.1	9.9	11.7	12.1	4.9	92
	18-27	17.5	10.5	9.2	6.6	4.8	5.6	4.8	6.7	10.3	12.7	11.2	4.8	93
	21-23	29.2	8.7	9.8	7.1	4.1	4.9	3.1	4.9	7.6	6.3	14.4	<b>4.</b> a	92
											-			
TO	TALS	21.2	11.9	8.7	6.0	4.1	4.1	3.9	5.6	8.2	12.0	14.4	4.6	742

1210WS FORM 0-9-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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COMOX BC DOT APT

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PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERC	ENTAGE FR	EQUENCY (	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OB5.
AUG	00-02	36.7	5.8	4.7	4.0	3.6	2.6	3.7	4. C	5.1	7.4	21.8	4.3	928
	03-05	24.8	8.3	5.4	5.4	2.6	3.4	3.5	6.1	8.0	10.4	22.0	5.0	930
	80-60	12.8	8.8	6.3	5.9	3.4	3.9	4.5	6.2	9.6	19.7	18.8	5.8	930
	09-11	9.7	10.3	8.0	6.3	4.7	4.9	4.8	6.3	8.6	18.5	17.7	5.8	930
	12-14	7.4	12.9	9.4	6.9	5.2	3.2	5.5	8.8	9.8	15.3	15.7	5.6	930
	15-17	6.0	13.7	8.4	8.6	58	5.3	2.8	6.8	10.5	17.3	14.7	5.6	929
_	18-20	13.3	9.5	6.7	7.2	4.3	3.8	3.6	7.9	11.1	17.3	13.3	5.4	929
	21-23	28.2	7.2	7.5	5.5	3.8	3.4	5.1	5.8	7.1	8.4	17.9	4.5	928
					<u>.</u>						:			
101	ALS	17.4	9.6	7.3	6.3	4.2	3.8	4.2	6.5	8.7	14.3	17.8	5.3	7434

1210WS FORM JUL 64 0.9.5 [Det 50] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERC	ENTAGE FR	EQUENCY	F TENTHS	OF TOTAL S	KY COVER	_			MEAN	TOTAL NO. OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9		SKY COVER	OBS.
SEP	00-03	35.9	3.8	3.5	5.1	2.6	2.8	3.6	3.7	4.6	5.0	29.5	4.7	89
	03-05	31.9	5.0	4.9	5.0	3.0	2.8	3.1	4.3	5.1	6.1	28.7	4.9	89
	36-08	11.3	9.1	7.3	5.2	2.9	3.7	4.2	6.1	8.1	15.8	26.2	6.1	90
	09-11	9.2	9.0	5.9	5.3	4.7	3.8	3.7	6.2	9.2	15.5	27.4	6.3	89
	12-14	7.0	8.9	8.5	6.3	5.0	3.7	3.5	5.9	10.3	16.8	24.1	6.2	89
	15-17	6.8	9.6	6.7	5.3	4.0	3.5	3.8	6.4	11.7	17.8	24.3	6.4	89
	18-20	11.9	6.6	7.7	5.2	5.2	3.6	4.9	5.9	8.8	15.4	24.4	6.0	89
	21-23	29.9	5.4	5.2	4.9	4.2	3.0	2.5	4.4	5.8	8.4	26.3	4.9	89
							<u> </u>				<u> </u>		· !	
		+											<u> </u>	
10	TALS	18.C	7.2	6.2	5.3	4.0	3.3	3.7	5.4	8.0	12.6	26.4	5.7	716

1210WS FORM | 0.9-5 (Det 50) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERC	ENTAGE FR	EQUENCY (	OF TENTHS	OF TOTAL S	KY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
SCT	00-02	14.2	2.6	4.3	4.9	3.5	3.7	2.6	4.9	6.5	8.7	44.]	6.8	930
	03-05	14.0	3.9	3.5	3.7	3.9	2.7	2.7	3.7	5.2	10.4	46.5	6.9	930
	06-98	2.7	5.7	5.4	4 • C	3.5	2.5	3.2	5.3	8.1	16.9	42.6	7.6	930
	59-11	i . 7	4.0	4.6	3.3	2.9	3.8	2.9	5.2	8.4	20.0	43.2	7.9	930
	12-14	1.9	3.7	4.0	5.3	4.1	3.4	3.2	6.1	9.7	21.3	37.3	7.7	930
	15-17	2.4	4.2	4.8	4.0	5.1	4.3	3.6	5.6	10.3	19.7	35.9	7.5	922
-1-1	18-23	6.8	5.1	5.8	4.5	3-2	4.6	3.8	5.6	9.4	11.7	39.4	7.0	925
	21-23	12.1	3.3	5.2	5.6	4.7	3.3	3.1	5.7	6.0	8.2	42.1	6.7	921
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	· 	· · · · ·					<del>_</del>							
101	FALS	7.0	4.1	4.7	4.4	3.9	3.5	3.1	5.3	7.9	14.6	41.5	7.3	742

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1210WS FORM 0.9.5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

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MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERC	ENTAGE FR	EQUENCY	OF TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
VDN	00-02	9.8	3.3	5 • 3	3.1	4 . C	3.7	2.9	4.3	6.7	8.2	48.7	7.2	90
	C3-L5	9.2	3.0	4.4	3.6	4.2	2.8	3.3	5.3	5.7	7.9	50.6	7.3	90
	36-08	2.2	3.8	5 <b>.</b> 0	3.7	4.0	3.3	3.9	4.9	6.5	14.3	48.4	7.8	891
	09-11	. 9	2.8	3.0	3.1	2.7	3.0	3.2	4.9	7.0	18.8	50.7	8.3	900
	12-14	. 8	3.0	4.3	3.7	1.7	3.4	3.1	4. 2	8.1	17.3	50.3	8.2	900
	15-17	1.7	4.8	4.1	2 . 8	2.2	2.3	4.2	5.4	7.7	15.7	49.1	8.0	908
	18-23	6.9	3.9	3.6	2.8	4.1	4.7	3.8	4.6	4.7	8.8	52.3	7.5	90
	21-23	8.3	3.6	4.4	4.4	3.9	2.2	4.8	4.8	5.3	6.2	51.9	7.3	89
				<del></del>	<del>-</del>						· · · · ·		<del>                                     </del>	<del></del>
										!			<u> </u>	
101	TALS	5 <b>•</b> 0	3.5	4.3	3.4	3.3	3.2	3.7	4.8	6.4	12.1	50.3	7.7	719

1210WS FORM 0-9-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS _		·	PERC	ENTAGE FR	EQUENCY C	F TENTHS	OF TOTAL S	KY COVER				MEAN	TOTAL NO. OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
o EC	50 <b>-</b> 62	3.1	2.8	3.8	3.0	2.4	2.3	2.7	4.3	3.9	6.1	60.7	7.8	929
	C3-u5	7.0	3.1	3.7	2.0	1.7	2.0	3.2	3.4	4.0	6.2	63.5	8.0	930
	36-08	2.9	4.5	3.7	2.8	3.5	2.6	1.7	4.0	5.4	9.2	59.7	8.1	930
	09-11	- 8	2.8	3.2	3.3	1.8	3.1	2.3	4.7	6.5	17.1	54.4	8.4	930
	12-14	1.0	2.6	2.7	2.4	3.1	2.3	2.3	3. 9	7.6	16.9	55.4	8.5	930
	15-17	1.4	3.0	2.9	2.3	1.8	2.3	3.8	5.3	8.2	14.5	54.6	8.4	930
	18-2	5.	2.6	4.3	2.6	3.3	2.8	3.4	3.4	4.7	5.1	61.9	7.9	930
	21-23	8.6	2.9	2 • 2	2.8	2.5	2.7	2.6	3.3	5.9	4.8	61.7	7.9	930
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10	TALS	4.4	3.0	3.3	2.7	2.5	2.5	2.7	4.0	5.8	10.0	59.0	8.1	7439

1210WS FORM 0.9-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MATS) ASHEVILLE, NORTH CAROLINA

#### PART E

#### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry-and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperature
  - b. Daily minimum temperature
  - c. Daily mean temperature
- 2. Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature
- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

  This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations  $(\sigma X)$ . The number of

Page . E 1

observations used in the computations for each element is also shown.

- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.
  - NOTE: Wet bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicatea.
- h. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Record for all years available are combined. Tables are prepared for the following:
  - a. Dry-bulb temperature
  - b. Wet-bulb temperature
  - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

### PSYCHROMETRIC SUMMARY

\$4292	COWOX	9 <b>C</b> U		TION NA					54-	63			YEARS					AL	
-			217	•														PAGE	
																		HOURS	
Temp									EPRESSI							TOTAL		TOTAL	
(F)	0 1 - 2	3 . 4	5 - 6	7 - 8	9 10 1	1 - 12 1	3 - 14 1	5 - 16	17 - 18 1	20 21	. 22 23			28 29	- 30 - 31	D.B / W.B.	Dry Bulb	Wet Bulb	Dew P
94/ 93												• 0	•0			6	- 6	J	
92/ 91									=			• 0	• 0			. 3	- 3		
90/ 89									• 0	• 0	•0	.0				21	21		
88/ 87								• <u>a</u>	<u>. a</u>	• Q	-0	•0	•1			40	40		
867 85								• Q	• û	• 0	-0	•0				67	67		
84/ 83							-0	- 0	<u>• (1</u>	- a	-0	• O	•0			98	98		
82/ 81						• 0	• 0	- 1	- 1,	• 0	• Di	.0				169	169	Γ	
80/ 79					• 0	• CI	- 1	- 1	_• q	• G	•0	• 0				238	238		
78/ 77		·		- 0	• 0	•1	-1	• 1	• 0	• a	•0	. (				324	324		_
<b>76/</b> 75				•0	-1	• 2	• 2	. 1	. a	• 0	•0					489	489		
74/ 73		.0	• Ci	.1	.2	. 3	. 2	-1	• d	• 0	•0				· —• ·	701	701	· · · · •	
72/ 71	•0	.0	• <b>u</b>	- 2	- 3	• 3	- 1,	- 0	• 0	• 0						889	890	1 6	
70/ 69		•0	. 2	-4	.4	. 3	- 1	• 0	• 0	• d						1210	1210	<u>8</u> 0	
68/ 67	. 3	.1	. 3	.6	.4	. 3	. 1	• 9	.0	• 0						1634	1635	206	
66/ 65	•0	.3	. 8	. 8	.5	• 2	-1	.0	.0	•			· ·		• -	2324	2324	511	
64/ 63	.0 .1	. 6		.8	-4	. 1	•0	-0	. 3								2803		
62/ 61	.0 .5			.7	.3	. 1	.0	.0				-		•				2009	
66/ 59	.1 1.2	1.5	1.1	.6	.2	. 1	.0	-0										3540	
58/ 57	.3 1.7	1.4	1.0	.5	• 2	. 0	.0											5081	
56/ 55	.5 2.1	1.5	1.1	.5	-1	• 0	-0											6006	
54/ 53	.4 2.2	1.3	. 9	-4	.1	. 0						т.				4758	4758	5698	-52
52/ 51	.6 2.3	1.4	. 8	. 3	. 1	. 0	• ŭ										4831		
50/ 49	.7 2.6		. 7	. 2	.1	.0	• a											5507	
48/ 47	.9 3.3			. 2	- 1	. 0										5750			
	1.2 4.0			.1	• 0	. 0	.0											6556	
	1.2 3.9			.1	• 0	. 0										6118		6951	
	1.4 3.6		. 3	- <del>:</del> i	• 0	• 0												6663	
	1.5 3.2			.0	• Q	•d												6348	
38/ 37	1.6 2.6			.1	- <u>ā</u>													5240	
	1.4 1.9			.ā	• ā													4111	
	1.3 1.6			.0					···				· · • =					3258	
32/ 31	1.0 1.0			.a			,											2634	
30/ 29	.6 .7			.0		<del></del>								• •	· · ·			1656	
28/ 27	.4 .4			ď	1				i							734		1012	
lement (X)	Σχ2			X .		X .	- σ <sub>x</sub>		lo. Obs.		-			N.	-			1014	
Rei. Hum.			<del>-</del>	^			_ · x	- <del></del>	10. UBI.		≤ 0 F	. 32		an No. - 67 F	of Hours w	of the Temper	- 93 F	- +	otal
Dry Bulb					÷			+-			- U F	+ 32	<del>'</del>	- 0/ F	e/3F	, , ov F			5701
Wet Bulb					+-			<del>-</del>		<del>i</del>			-		<del>                                     </del>				
Dew Point					-+			<del></del>		-	_	+			<del></del>	+	!	<del></del>	

FORM 0.26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

#### **PSYCHROMETRIC SUMMARY**

24292 STATION	COMOX BO	STATION NAME	:				YEA	7.0				MON	164
3121101		31211014 14216	•				164	· K 3					
											-	PAGE 2	
Temp.			WET BUIR	TEMPERATURE	DEPRESSION (F)	-		<del></del>	<del></del>	TOTAL	-	TOTAL	-
(F)	0 1.2 3	. 4 5 6 7 8 9					25 . 26 2	7 . 28 29 .	30 - 31	D.B./W.B.	rv Bulb		Daw P
26/ 25	.2 .2	.1 .0								458	458	609	10
24/ 23	.1 .2	.0 .0								334	334	432	7
22/ 21	i .i	•0			·		•	• •		226	226	323	- 5
20/ 19	.1 .1	•0								150	150	209	4
18/ 17	ī ī	. ä								105	105	145	3
16/ 15		•a								73	73	81	2
14/ 13	. ā . ā									22	22	47	2
12/ 11	.0 .0									- 5	5	8	1
10/ 9	<u>-d</u>			- • • • • •	· ·-· ·		·			- <del>2</del>	· · · · · · · · · · · · · · · · · · ·	3	
8/ 7	• 4									Z;	2	4	
6/ 5	• 0									ΤΤ	ı	I	
4/ 3										_	-	_	
2/ i					·					·			
0/- 1													
			<del></del>				·						
- 2/- 3	15.639.518	.911.6 6.6 3	.6 2.0	1.0 .6	-3 -2	-1 -0	-0			٤	7473		74
- 2/- 3	15.639.918	.911.6 6.6 3	2.0	1.0 .6	.3 .2	.1 .0	•0			87464 	37473	87466 	3746
- 2/- 3	15.639.518	.911.6 6.6 3	2.0	1.0 .6	.3 .2	.1 .0	•0	·• ··					374
- 2/- 3	15.639.518	.911.6 6.6 3	3.6 2.0	1.0 .6	.3 .2	.1 .0	•0						374
- 2/- 3	15.639.518	.911.6 6.6 3	0.6 2.0	1.0 .6	.3 .2	.1 .0	•0						374
- 2/- 3	15.639.918	.911.6 6.6 3	2.0	1.0 .6	•3 •2	.1 .0	•0						374
- 2/- 3	15.639.318	.911.6 6.6 3	2.0	1.0 .6	.3 .2	.1 .0	•0						374
- 2/- 3	15.639.318	.911.6 6.6 3	2.0	1.0 .6	.3 .2	.1 .0	•0						3740
- 2/- 3	15.639.918	.911.6 6.6 3	2.0	1.0 .6	.3 .2	.1 .0	•0						374
- 2/- 3	15.639.518	.911.6 6.6 3	2.0	1.0 .6	.3 .2	.1 .0	•0						3740
- 2/- 3	15.639.318	.911.6 6.6 3	2.0	1.0 .6	.3 .2	.1 .0	•0						
- 2/- 3	15.639.318	.911.6 6.6 3	2.0	1.0 .6	•3 •2	.1 .0	•0						
- 2/- 3	15.639.318	Σχ		σ <sub>χ</sub>	•3 •2	.1 .0		Lean No. o		87464			
777- 3 TOTAL 1		Σ <sub>χ</sub>						Vean No. 0		87464		87466	101
TOTAL 1	Σχ'	2 X 7082534	x 81.0	σ <sub>χ</sub>	No. Obs.	±0F =	, M		F Hours wit	87464 th Tampero	iture - 93 F	87466 	- Ital
TOTAL 1  Element (X) Rei- Hum	z <sub>x</sub> . 5939655	Σχ 28 7082534 134 4290126	x 81.0	″, 15.294	No. Obs. 87466	cop c	, M	≥ 67 F	F Hours wit	87464 th Tampero	iture - 93 F	87466 	101 760.

### **PSYCHROMETRIC SUMMARY**

Z4292 STATION	COMOX BC DOT APT	NAME		63	YEARS				JAI	
									PAGE 1	l At
Temp.		WET BUILD TE	MPERATURE DEPRESSI	ON (F)			TOTAL		TOTAL	
(F)	0 1.2 3.4 5.6 7.8				24 25 - 26 27 -	28 29 - 30 - 31		Dry Bulb		Dew Po
56/ 55 54/ 53	.1 .1 .0	<del></del>					9	-T		
52/ 51	1	0	į	!			102	19 102	31	
48/ 47		<del>o</del>					227	227	99	
46/ 45	1.0 4.6 1.0 .2						504	504	339	1
44/ 43	2.0 6.0 1.2 .1				· · · · · · · · · · · · · · · · · · ·		685	685	633	4
42/ 41		0					866	866	790	7.
40/ 39		O					945	945	939	8
38/ 37 36/ 35		<u>1</u>					913	913 773	1006 840	9
34/ 33	3.9 4.7 .5 .1						692	692	694	7
32/ 31		<del>5</del>					468	468	602	5
30/ 29	1.7 1.8 .4 .1						299	299	333	4
28/ 27	1.0 1.2 .5 .1						210	210	242	2
26/ 25	9 1.1 .6 .1						199	199	211	1
24/ 23	.9 I.0 .3 .1 .5 .6 .1						162 88	162 88	182 151	I
20/ 19	4 6 1						E8	83	104	Ť
18/ 17	.5 .4						64	64	96	ī
16/ 15	•4 •2						41	41	42	1
14/ 13	•2 •1						21	21	29	1
12/ 11	.0 .0						5	5	5	
$\frac{10/9}{8/7}$	•0		· · · · · · · · · · · · · · · · · · ·				2	2		
6/ 5	•0				1		1.	1	1	
4/ 3					·			·	<del>-</del>	
2/ 1										
TOTAL	33.454.210.1 1.9 .	4 .0						7379		73
				+			7379		7380	
Element (X)	Σχ	<u> </u>	σ <sub>x</sub> No. Obs.	<del></del>	Mean	No. of Hours w	ith Tempera	oture .		
Rel. Hum.	59433665 6576		.602 73	80 ± 0 F	132 F	67 F 2 73 F	80 F	- 93 F		tal
Dry Bulb	10390739 2720		.967 73		165.7					744.
Wet Bulb	9764849 2635		.914 73		201.7		+			44.
Dew Paint	8916080 2493	96 33.8 6	.133 73	80	248.4					744.

#### **PSYCHROMETRIC SUMMARY**

								EARS				MON	TH
											_!	PAGE 1	
Temp.					E DEPRESSION					TOTAL		TOTAL	
(F)	0 1.2 3.4	5 6 7 8 9	- 10 11 - 12	13 - 14 15 - 1	16 17 - 18 19 - 2	0 21 - 22 23	. 24 25 . 26	27 28 29	. 30 - 31	D.B./W.B. D	ry Bulb \	Vet Bulb D	ew Pa
58/ 57		-a -a	• Q		1					3	3		
56/ 55	•1	• 1 • 3	•			-·				. 15	15		
54/ 53	•1 •1	•3 •1	4							30	30		
52/ 51	•4 •Z	-4 -1	∙ã							. 75	75	15	
50/ 49	.3 1.9 .9	•4 •1								218	218	93	
48/ 47	.7 3.5 1.2 1.8 7.0 1.9	• \$ • 2		·	• •					409	409	250	1
44/ 43	2.7 8.1 2.4	•1 •1	-1							783	783 942	499 831	3
42/ 41	2.4 6.9 1 4	• <u>5</u> • <u>2</u>	•q	· · ·						805	805	878	7
40/ 39	2.3 6.5 1.5	-4 -2	-2 -0	-						754	754	882	7
38/ 37	3.0 4.7 1.1		1	4			*	•		678	678	735	8
36/ 35	2.2 3.9 1.3	-6 -2	.0							561	561	579	6
34/ 33	2.6 3.3 1.0	.3 .1				•		·		488	488	546	5
32/ 31	2.1 2.5 .5	.4 .0								380	380	510	4
30/ 29	1.3 1.7 .4	.2 .0	•			•				246	246	366	3
28/ 27	.8 i.O .4	.1 .3								154	154	217	2
26/ 25	.5 .5 .Z	. 1				• • • •				86	86	149	ı
24/ 23	.3 .4 .1									57	57	92	1
22/ 21	.1 .3 .0							-		25	25	53	1
20/ 19	.1 .2									18	18	25	-
16/ 17	.1 .2									17	17	16	
16/ 15	.1 .1									11	11	14	
14/ 13												5	
12/ 11										<del>.</del>			
10/ 9													
8/ 1			· · - ·		·			·		·			
6/ 5					:								
4/ 3	23.852.714.9	4 1 2 2	-2			· - · -		•		· · · · · ·	4755		4 7
UIAL .	53.032.F14.A	6.1 2.0	.5 .6	4						6755	6755	6755	67
		*			<del>-</del>			•		. 6172		0177	—
							<b>-</b>			• • • • • •	•	•	
F1 . (W)	F?	T			<u> </u>								
Element (X) Rel. Hum.	Σχ'	Σχ	X OS O	7x	No. Obs.		- 20 5		,	ith Tempera			
Dry Bulb	50920521 10799922	579409 266628	39.5	6.390	6755 6755		98.5	→ 67 F	≥ 73 F	80 F	93 F		101
Wet Bulb	9889033	254907	37.7	6.321	6755	+	144.0	<del></del>	·				572 572
Dew Paint	8803931	237969	35.2	7.892	6755	+	202.3		·	•	•	<del></del>	572

FORM JUL 64 0.26-5 [Det 50] REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

#### **PSYCHROMETRIC SUMMARY**

4292 STATION	COMOX BC DO	T APT			54-63			YEARS				MA	
											_	PAGE HOURS II	1 AL
Temp.	···		WET BUL	B TEMPERATUR	E DEPRESSION (F					TOTAL		TOTAL	- •
( <b>f</b> )	0 1.2 3 4 5	. 6 7 . 8 9 .			6 17 - 18 19 - 20		- 24 25 - 2	6 27 - 28 29	- 30 · 31	D.B./W.B.	ory Bulb		Dew Po
0/ 59			.0 .0	j						2	2		
58/ 57		.0 .1	.0 .1	l						1 12	12		
6/ 55		.i .d	.0 .1	1 .0		•	• .		•	18	18	•	-
54/ 53	.1	.3 .3	-1 -0	3						59	59		
52/ 51	.1 .6	.7 .4	.1 .0	o)	<del>-</del>		•.	• • • • • • • • • • • • • • • • • • • •		154	154	1	
50/ 49	1.2 1.3	1.0 .5	.2							314	314	32	
8/ 47	.3 3.4 2.4	1.7 .6	-2 -0	ם -	-					647	647	277	
6/ 45	1.1 4.3 3.9	2.1 .5	.2 .0	0.0						899	899	545	3.
4/ 43	1.2 5.8 4.7	1.5 .5	.1 .	0						1027	1027	797	4
2/ 41	1.2 7.2 3.5	1.2 .2	-0							996	997	1095	6
C/ 39	1.4 5.5 1.9	.9 .1	-0							729	729	1170	8
8/ 37	1.4 5.0 1.7	.7 .1	.1							665	665	882	9
6/ 35	1.8 3.7 1.3	.2 .0								533	533	753	9
4/ 33	1.9 3.5 1.0	.2 .0								482	482	586	8
2/ 31	1.5 2.6 .5	- 1								352	354	494	6
C/ 29	1.2 2.0 .3									270	273	365	5
8/ 27	.7 .9 .2	• 0								136	136	214	4
6/ 25	•2 •3 •1									52	52	94	_ 2
4/ 23	.0 .3 .1									27	27	42	1
2/ 21	.0 .2									18	18	36	1.
0/ 19	.0 .2									14	14	16	
8/ 17	•0 •1				<del></del>					11	11	16	
6/ 15	.0 .1									10	10	9	
4/ 13	<u>•0</u>				<del> </del>					1	1	4	
2/ 11		'								-			
C/ 9								+	<del></del>	<u>.</u>			
8/ 7					1								
6/ 5.			- :								: :	-	
ITAL	14.246.423.71	0.8 3.4 1	.2 .:	3 .0		1	i i				7434		74
		·		+						7428		7428	
				j	:								
			<del></del>		<del>-,</del>			<del></del>					
			1					1 .					
ement (X)	Σχ:	Σχ	X	σ <sub>x</sub>	No. Obs.		•	Megn No.	of Hours w	ith Tempera	iture		
I. Hum.	50443469	603317		13.929	7428	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	- 80 F	- 93 F	To	otal
ry Bulb	12478318	300932	40.5	6.315	7434		89.		T	<del></del>	+		744.
et Rulb	10988697	282589	38.0	5.660	7428		129.		1	<del></del>			744.
ew Point	9307002	258278	34.8	6.630	7428		239.		t	+	:		744.

FORM JUL 64 0.26-5 [Det 50] 1210 WS

### **PSYCHROMETRIC SUMMARY**

STATION	COMOX	אנ טנ	STATION N	AME			_	54-6	33			TEARS				API	
																PAGE :	
Temp.				WE	T BULB	TEMPERA	TURE D	EPRESSIO	N (F)					TOTAL	_	TOTAL	_
(F)	0 1.2	3 - 4	5 - 6 7 - 8							- 22 23	. 24 25 . 2	6 27 - 28 29	30 - 31		ory Bulb	Wet Bulb [	Dew P
72/ 71	•			Ī		•	•0			•				1	1.		
70/ 69			'	_ :	• q		• q	- 1						3	1		
68/ 67			<del>-</del>	- 1	• a	-0	1	• 0						13	13		
66/ 65			• q	- 9	- 1	- 2	• 4	- 9						. 38	38		
64/ 63			-0	- 1	- 3	.2	. 1						•	47	47	•	
62/ 61			.1 .1	. 3	. 2	- 1	• d							62	62		
60/ 59	• 0	- 1	-2 -4	-4	. 3	- 1	.0	•					•	107	107		
58/ 57	0	. 2	.6 .7	- 6	- 3	. 3	i							174	174	14	
56/ 55	-1	-4	1.1 1.5	.7	• l									280	280	29	
54/ 53	.0 .4	1.0	2.0 2.0	.5	- 1									431	431	83	
52/ 51	.1 1.6	2.4	2.9 1.6	.4	.0	• d			- 12 34					656	656	232	
50/ 49	.4 2.9	3.9	3.4 1.4	.4	. 1	-0								907	907	486	ı
48/ 47	- 5 5 - 5	5.1	2.9 .9	. 3	- 1									1096	1096	827	3
46/ 45	-6 7-0	4.2	2.1 .2	- 1	a		_							1023	1023	1291	5
44/ 43	1.0 4.6	3.7	1.0 .1	- 1										749	749	1289	9
42/ 41	.7 3.5	2.8	.5 .1	.0										554	554	954	10
4C/ 39	.7 3.4	1.1	.3 .1											397	397	782	9
20/ 37	.5 2.8	.4	.2 .1											287	287	538	9
36/ 35	.5 2.1	.1	- 1						•					202	202	324	8
34/ 33	.3 1.0	.1	- 1											109	105	199	6
32/ 31	.3 .4													48	48	98	3
30/ 29	.1 .1													14	14	45	1
28/ 27	.0 .0			. — — •		•							-	3	3	6	1
26/ 25														. '			
24/ 23							•										
22/ 21									:					1 .			
20/ 19				- · · ·										1	•		
18/ 17																	
16/ 15		•										•		•			. —
14/ 13																	
12/ 11	• • •	•			· - ·•	•						*		<del></del>			
10/ 9														1			
6/ 7					•	. •	- +		-				·	7			
Element (X)	Σχ.		Σχ		X X			lo. Obs.				Mean No	of House	ith Tempera			
Rel Hum.	<u>-</u> -				^	- x	··		<del></del>	5 Q F	< 32 F	> 67 F	≥ 73 f	- 80 F	- 93 F		loto
Dry Bulb											- 32 -	97 5					<i>y</i> . <b>u</b> .
Wet Bulb									-		<del></del>	<del></del>	<del></del>	<del></del> -			
Dew Point									-+-		+			+	•		

1210 WS JUL 64 0.26-5 (Det 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **PSYCHROMETRIC SUMMARY**

24292 STATION	COMOX	BC DOT	APT			54-63			ARS				APR
SIATION		31	TATION NAM	•				**	AKS			μ	AGE 2 AL
							·=·		_				HOURS (L S T)
Temp (F)	0 1.2	3.4.5.6	7.8 9	. 10 11 12	B TEMPERATU	JRE DEPRESSION	(r) 10 21 - 22 23	24 25 . 26	27 . 28 29	30 (31	TOTAL D.B./W.B.	Dry Bulls W	TOTAL
TOTAL	5.935.4	25.517.2	9.2	4.0 1.7	1 .1	.3 .1			27 - 20 27	- 30 31	•	7197	719
											7197		7197
										•		- •	
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					+		<del></del>				· • •		· · ·
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		,								1	;		
	<b>-</b>					- <del>!</del>	<del></del>		· · · · · ·		<del> </del>		···· •
						1 :	1	į į					
Element (X			Σχ	x	σ <sub>x</sub>	No. Obs.	Th		Mean No.	of Hours w	ith Temper	ature	<del></del>
Rei. Hum.		17626 !	544762	75.7	15.563	7197		≤ 32 F	≥ 67 F	≥ 73 F	- 80 F	- 93 F	Total
Dry Bulb	1609	8650	337442		6.206			6.5			+		720.
Wet Bulb			310452		4.771	7197		14.9			<del> </del>	-	720.
Dew Paint	1115	0986	280360	39.0	5.648	7197	<u> </u>	80.4	<u> </u>		<u> </u>	<u> </u>	720.

#### **PSYCHROMETRIC SUMMARY**

STATION	COMOX BC DO	STAPT			54-	63		<del>-</del>	EARS				MAY	
												<u>1</u>	PAGE 1	
<del></del>				75.4050.47	URE DEPRESSI	ON (6)							HOURS IL	. <b>5</b> I
Temp. (F)	0 1 2 3 4	5 . 6 7 . 8 . 9 .			- 16 17 - 18 1º		- 22 23	. 24 25 . 2	A 27 28 20	30 + 31	TOTAL	ev Bulb V		Yaw P
84/ 83	<u> </u>	3.0 / .0 + / .	10 11 - 12	13 - 14 13	• 0	7 . 10 1	•d	• 0	0 27 - 20 27	. 30 - 31	3	3	VET BOILD	
82/ 81					. 0	. 1	.a	.5			7	ŕ		
80/ 79	· · · · · - · - · - ·	· · · · · · · · · · · · · · · · · · ·		<del></del>	.1 .7	• 2	•a	<u>•0</u> -			25	25		
78/ 77			. 3	. 1	.1 .2	. 1	.0	• 0			39	39		
76/ 75			.a .a	.1	.3 .2	. i	• 14				5d	50		-
74/ 73			.0 .1	.3	.3 .1	. 1.					73	73		
72/ 71			.0 .2		.2 .1	-1					78	79		
70/ 69		. d . i	.1 .5		.i d	• 4					96	96		
68/ 67	· · · · · · · · · · · · · · · · · · ·	.3 .1	.4 .8	5	-1	• 0	•	-•			148	148		
66/ 65	n	94 94 2 4 1	.d .7	• 2	·1 ·0	• (1					195	195	7	
64/ 63	•0	5 1.1 1			.2 .3	• • • • •			• •		301	301	<del>_ [</del>	
62/ 61	.1 .2	1.1 1.8 1	.1 .5		.0						361	361	57	
60/ 59	7 9	1 7 1 9 1	3 .3		• 4						464	464	149	
58/ 57	1 4 1 3	2.8 2.2 1	· q · 1	•a							602	602	299	
56/ 55	7 1 4 7 4	4.1 2.2	.6 .1					•		• • •	837	837	546	
54/ 53	.2 2 2 3 3 9	3.4 1.5	.3 .1								862	862	744	1
52/ 51	.2 3.8 3.9	2.6 .8	• 1						· ·		859	859	962	
50/ 49.	.4 4.5 3.8	1.9 .4	* 4								816	816	1241	7
48/ 47	4 3 1 2 4	1.3 .2					- <del></del>				557	557	1168	10
46/ 45	.4 2.7 1.9	.4 .1									403	403	810	11
44/ 43	.2 1.9 1.1	• • • • • • • • • • • • • • • • • • • •									255	255	594	- 9
42/ 41	2 1 0 4	• 2			1						196	196	398	8
40/ 39	1 1.2 .2	• 0									119	119	244	6
38/ 37		• u									59	59	117	5
36/ 35	•1 •5 •2 •0 •2 •0										20	20	51	Ž
											. 44	1	18	ì
34/ 33. 32/ 31	<u>-a</u>											<del>-</del>		
30/ 29					:							1.	1	
28/ 27	•q	•	+						<del>:</del> -				5	
26/ 25	• 0										,	•		
24/ 23		· · · · · · · · · ·												
22/ 21				1										
OTAL	2.624.323.1	20 312 a 3	4 4 0	2 1 1	.4 .8	. 6	.1	•0				7432		74
UIME	C • GT 4 3 4 3 • 1 (	LUSEILS F	•a 7•U	203 1	• • •	• 0	• 4	- 4			7431	1736	7431	
Element (X)	Σ χ΄	Σχ	x	σ <sub>x</sub>	No. Obs.				Mean No.	of Hours wi		ture		_
Rel. Hum.	39669517	529505	71.3	16.155	74	31	: 0 F	1 32 F	∻ 67 F	> 73 F	- 80 F	- 93 F		tal
Dry Bulb	22270035	402703	54.2	7.778		32			52.1	19.7	2.2			744
Wet Bulb	18010113	363779	49.0	5.209	74	31			6				7	744
Dew Point	14755849	328743	44.2	5.347	74	31		16.	1			1		744

210 WS JUL 64

### **PSYCHROMETRIC SUMMARY**

Temp	WET BULB TEMPERA	TURE DEPRESSION (F) TOT.	AL TOTAL
		_	PAGE 1 ALL
24292 STATION	COMOX BC DOT APT STATION NAME	54-63 YEARS	JUN

Temp						WET	BULB	TEMPERA	TURE C	EPRESSI	ON (F)					TOTAL		TOTAL	
(F)	0	1.2	3 4	5 6 7	- 8 9	- 10 11	- 12 1	3 - 14 15	16	17 - 18 19	20 2	21 - 22 23	- 24 25 - 2	26 27 - 28 29	- 30 - 31	D.B./W.B. D	ry Bulb W	Vet Bulb C	ew Point
90/ 89		•								• 0	• 3	•				3	3		
88/ 87						·				- 1	.0	•0	• a			11	11		
86/ 85	•			•	-		•	•	-1	. 1		•0	•	-		14	14		
84/ 83								-0	. 1	. 1	. 0	•0				18	18		
82/ 81							- 1	.1	• l	.1	.1	•0			•	30	30	•	
80/ 79							. 1	- 1	.1	. 1	.1	•0				33	33		
78/ 77				·	. 0	• l	.1	• 2	.1	.1		•0			• •	41	41	-	
76/ 75					- 5	. 1	ž	- 4	. 3	. 1	.0	• a				80	80		
74/ 73		• •	-	- 7	. 1	.4	• 5		.2	.1	. 3				• • • • •	125	125		
72/ 71			n	• •		.5	.5	-4	.1	1	• 4					130	130	1	
70/ 69		·· ··	•0		-6	-8	.8	.2	.3	- : 5	• 3					186	186	30	
68/ 67			- 0	- 4		1.0	. 8	.2	1	ō	• 4					270	270	33	
66/ 65		= 11	- **			1.5	.7	- 2	• 4.	<u> • ч                                  </u>	-					424	424	45	5
64/ 63		,	.9				.5	.1								515	515	121	28
67/ 61		- • •				1.5										665	665	286	55
	,	5	2 4	3.6	4. <b>7</b>	1.0	- 1	•0								798	798	472	109
<u>60/ 59</u> 58/ 57			209	3 7	1 2	.2	1									884	884	817	322
	• 6	2 2 . 6	7.7	3 • 4 3 · di	1.2											957	957	1203	
56/ 55 54/ 53	• 5	2 4 2	3.0	2.9		-0					•					813	813	1343	602
	• 5	) 4.J	3.0	1.9	.3											588	588		893
52/ 51	·• S	7 4 - 1	4.4	- 9	•0		-									<del></del>	314	838	1226
50/ 49	• :	2 6.6	1.3	- 4												314			1246
48/ 47	بع	7 1 • 4	. • -	•1									· · · - + · · ·			165	165	478	1035
46/ 45	•	.6	- 3													72	72	220	733
44/ 43	به											•-		<del></del>		25	25	105	462
42/ 41	• ]															21	21	41	251
40/ 39	1	L •Q											• •				ã	14	166
38/ 37																		Ţ	47
36/ 35						-						•							_5
34/ 33																			3
32/ 31																		-	1
28/ 27									_	_		_	_						1
TOTAL	4 9	155.4	24.2	20.51	2.3	7.5	4.3	2.1	1.2	• 8	• 4	• 2	• Q				7191		7191
																7191		7191	
Element (X)	<b></b>	Σχ.		Σ,		, x		σ,		No. Obs.		<del></del>		Mean No.	of Hours wi	th Tempera	ture		
Rel. Hum.		4078	5221		0567	73		15.09			91	< 0 F	f 32 F	_ <del></del>	≥ 73 F	- 80 F	- 93 F		ital
Dry Bulb	•	2529			3433			7.12	_	71				94.					720.0
Wet Bulb	-	2091			6394	53		4.60			91		•	6.					720.0
Dew Point		1801			<del>8321</del>	49		4.71		71			•	3	1		-		720.0
		AUVI	7302	22	4364		9 9	7014	_		7				4				. 200

1210 WS JUL 64 0.26-5 [Det 50] REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### **PSYCHROMETRIC SUMMARY**

24292 STATION	COMOX	BC DO		TION NAA	w E	-		_	54-	63			YEARS	i				J (,	
																	-	PAGE	
					MIT	01110	TEMPERATU	IBE DI	EDDESSI	N (E)								HOURS	1 S T
Temp (F)	0 1.2	3 · 4	5 . 6	7 . 8 . 9			3 - 14 15 -				. 22 23	1 . 24 25	26.27	28 29	30 - 31	TOTAL D.B./W.B. D	ev Bulb '	TOTAL	
94/ 93		-			+ -				,			•0	•0	. 10 17 .	30 31	6	5		
92/ 91								- 1				.0	• 0			3	3		
90/ 89								<del>-</del> -	• 0	•1	.1	.0				15	15		
88/ 87								<b>.</b> a	• 1	. 2	.1	.5	.0			26	26		
86/ 85			•					. 1.	- z	. 2	• 1	• CI		•		38	38		
84/ 83							•d	. 2	. 3	. 2	- 0					51	51		
18 \58				•	•	. 0	. 3	.4	• 3	• 1.	• Q					84	84		
80/ 79					- (1	• 2	-6	.5	-3	• 3	0	- 0				122	122		
78/ 77					- 1	. 6	i	- 5	• 1	• O	• 0	• 0				147	147		
76/ 75				-1	.5	. 9		.4	<u>•</u> q		<u>.a</u>					201	201		
74/ 73		•0	• 0	- 4		1.2		• 2	• 1							249	249		
72/ 71		•0	•0	-9		1.2		<u>.a</u>	<u>• d</u>							308	308	3	
70/ 69	_	-1	. 6	1.7	1.7	1.1		• 1								4.3	413	35	
68/ 67	. ∵નું	• 4	1.2	2.6	1.0	• 9	<u>•2</u>			·····						506	507	119	
66/ 65	• ‡	_ · [	2.0	3.3	1.0	- 6	• J									654	654	273	
64/ 63		3.8	3.7	1.9	1.0	- 1							· · -			719 805	719 805	466 652	
62/ 61 60/ 59	1 2 7	2.0	2.9	1.4	.3	.0										851	851	1022	_
58/ 57	- 4 4 7	4.1	3.3	. 4	- <u>•</u> -											812	812		- 8
<b>56/</b> 55	.6 4.1	3.2	1.1	i	• 4											679	679		
54/ 53	4 2.7	1.5		5			·									382	382		
52/ 51	.2 1.9	.7	.í													216	216	613	
50/ 49	.2 .7	.1	• 3			-										83	83	333	
48/ 47	.1 .3	.0	-													33	33	123	6
46/ 45	.1 .1															19	19	40	3
44/ 43	.0															3	3	7	1
42/ 41	•d						•	•								1	1	4	•
40/ 39															+		-		
38/ 37																			
34/ 33																			
32/ 31																			
30/ 29.				:	:			÷			<u>,</u>								
GTAL	2.218.1	20.8	18.91	4.9	9.3	6.8	3.9 2	. 4	1.4	. 7	. 4	• 2	•1			7426	7427	7426	74
Element (X)	Σχ		Σ	x	X		σ <sub>x</sub>	N	o Obs				Me	an No. o	f Hours w	ith Tempera	ture	1 42 0	
Rei. Hum.	3926	7968	52	7248	71	.0 1	5.713		74	26	- 0 F	- 32	2 F	- 67 F	- 73 F	· 80 F	· 93 F	Т	otal
Dry Bulb	3013	5574	46	9570	63	• 2	7.760		74	27				217.4	94.4	28.2	i	.6	744.
Wet Bulb	2429	2118	42	23438	57	•0	4.453		74	26		-		15.7					744
Dew Point	2084	9693	39	2233	52	.8	4.223		_ 74	26			. 2						744.

50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSC

1210 WS JUL 64 0.26 5

#### **PSYCHROMETRIC SUMMARY**

4292 STATION	COMOX BC DOT	APT STATION NAME			54-	53		YEARS			AU	
STATION		STATION NAME						TEARS			PAGE :	
											HOURS (L	L S T
Temp.					RE DEPRESSIO				TOTAL		TOTAL	
(F)	0 1.2 3.4 5.	6 7.8 9	10 11 . 12	13 - 14 15 -	16 17 - 18 19			26 27 - 28 29 - 30 - 3	D.B./W.B. j	Dry Bulb	Wet Bulb C	Jow Po
90/ 89						•0 •0			3	3		
88/ 87			· ·			<u> • C</u>			. 3	3		
86/ 85					•0	.1 .0			15	15		
84/ 83					• • • • • • • • • • • • • • • • • • • •	.1 .5		<u>•1</u>	26	26		-
82/ 81			.1		.1 .2	-2 -0			45	45		
80/ 79.			<u>•q • z</u>		· <u>2</u> · <u>9</u> ·	• 1 • 0	<u> </u>		53	53		
78/ 77		~	.1 .2		•4 •1	• 0			86	86		
76/ 75			• 3 • 6		• <u>3</u> • !				140	140		
74/ 73		•2	·9 1·0		•0				2G2	202		
72/ 71	. •0 •0	• 4 . • 2 . •	4 1.2		<u>•</u> g				289	289		
70/ 69	•1		-8 -7		• 0				379	379	- :	
68/ 67	· · · · · · · · · · · · · · · · · · ·		-5 -4						481	481	43	
66/ 65			·9 ·1						656	656	147	
64/ 63	• 4 • 6 3 • 1 3		<u>.3 .0</u>						746	746	407	,
52/ 61	.1 2.6 5.2 3		- li						903	904	757	
<u>5C/ 59</u>	•4 5•9 5•0 2		• 0					• •	1031	1031		1 2
5 <b>8/</b> 5 <b>7</b>		.2 .1							83 <b>6</b>	836		
<u>56/ 55.</u> 54/ 53		•4 • • • • • • • • • • • • • • • • • •							669	414	133J 782	
5 <b>2/</b> 51		• 1							414 236	236	544	-
50/ 49	•4 2•3 •5 •3 1•4 •1	<u>•q                                    </u>					· · · -	<del></del>	132	132	273	
48/ 47	.2 .5 .0								52	52	121	
46/ 45	14 14 14			•• ••	·· <del>· · · · · · · · · · · · · · · · · ·</del>		· · · <del>- ·</del> - ·		30	30	44	
44/ 43.	<b>.</b> q .q								3	3	12	-
42/ 41	•0 - •4 •4 -		• •								2	
40/ 39	• 4								*	-	4	
TAL	4.223.422.317	411.2 7	4 4.6	2.3 1	.0 .5	.4 .1	.1	<u>.</u> d		7432		74
			• • • • • • • • • • • • • • • • • • • •		•• • • •	• • • • •		• •	7431		7432	-
•				•								
				•	•							
								1				
								<u> </u>				
lement (X)	Σχ:	Σχ	<u> </u>	σ <sub>x</sub>	No. Obs.			Mean No. of Hours		sture		
el. Hum	45157960	568696		14.862	74.		- 32 F	<del></del>	80 F	93 F		otal
ry Bulb	28908677	460709	62.0	6.857	74:			172.4 57.	.4 11.	6		744
Vet Bulb	24344646	424294	57.1	4,046				5.8				744
ew Point	21667850	400296	53.9	3.803	74:	32						<u>744</u>

FORM 10.26-5 [Det 50] REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS Jut 64 0.26.5 ID

### PSYCHROMETRIC SUMMARY

STATION	COMOX BC DOT	STATION NAME						YEARS				MON	ITH
												PAGE :	
Temp.			WET BULB	TEMPERATU	RE DEPRESSIO	ON (F)				TOTAL		TOTAL	
{Fi	0 1.2 3.4 5.6	7 8 9 1	0 11 - 12	13 - 14 15 -	16 17 . 18 19	- 20 21 . 2	2 23 - 24 25	5 - 26 27 - 21	3 29 30 31	D.B./W.B.	ory Bulb 1	Wei Bulb (	Dew Po
32/ 81					• <b>g</b>					3	3		
30/ 79				<u> </u>						5 5	. 5		
18/ 77			d .1	•0						11	11		
16/ 75			ાં મ	• 0	. j j					18	18		
14/ 73	•		2 .3	•1	.0 .0	•0 •	Ü			54	52		
12/ 71		0 .3 .	3 .2	<u>. l.</u>	<u>. l</u>	• 3				83	83		
10/ 69	.1 .		4 .3	. 2	.l0					132	132		
8/ 67	. <u>.1</u> .1 .	6 .9 .	7 .5	- 2						211	211	11	
6/ 65	.2 .7 1.	51.1 .	8 .4	.1	• 0					3 <b>5</b> 0	350	39	
4/ 63	.5 1.6 1.	91.5 .	7 .2	• 0	• <b>1</b>					446	446	104	
2/ 61	.1 1.5 2.5 2.	11.2.	4 .1	• l						567	567	257	
5/ 59	.3 3.4 3.4 2.	11.0 .	3 .1							763	763	534	2
8/ 57	1.3 5.9 2.6 1.		.2 .1	• 0						892	892	927	5
6/ 25	2.6 6.7 2.7 1.		2							1007	1007	1281	9
4/ 53	1.5 6.3 2.1 1.	0 .3 .	. a							781	781	1084	9
2/ 51	1.8 4.8 1.5 .	6 .2								643	643	934	10
/ 49	1.2 3.5 1.0 .	3 .1								432	432	711	9
8/ 47	1.0 2.4 .6 .	1, .0								324	324	518	7
6/ 45	.8 2.1 .3 .	. O						-		236	236	372	5
4/ 43	.3 1.0 .2 .	d								110	110	208	4
2/ 41	.1 .6 .1									56	56	105	2
C/ 39	•1 •3 •0									27	27	53	1
18/ 37	•0 •2 •a					•				15	15	21	1
6/ 35	• 0									2	2	10	
4/ 33	•0								,	2	2	1	
2/ 31												2	
15/ 29													
28/ 27													
6/ 25									_				
ITAL	11.039.719.413.	7 8.2 4.	.2 2.		.3 .1	_1 .	a				7168		71
										7168		7168	
<del></del>		<del>_</del>											
lement (X)	2 x	Σ χ	X	σ <sub>x</sub>	No Obs				No. of Hours		~		
el Hum	49216130	584904		14.411	71		) F 32			2 80 F	93 F		otal_
ry Bulb	23311400	406018	56.6	6.611	71				1.7 8.	9	<u> </u>		720
Vei Bulb	20462976	381258	53.2	5.071		68			1.1	<del></del>	·		720
ew Point	18528020	362308	50.5	5,478	71	68		2.2					720

#### **PSYCHROMETRIC SUMMARY**

24292 STATION	COMOX EC DOI	STATION NAME	-		54-63			EARS				DCT	
• • •								-			_!	PAGE 1	
												HOURS L	5
Temp		.6 7 8 9			6 17 - 18 19 - 20		. 24 25 . 20	6 27 28 29	30	TOTAL	ory Bulb V	TOTAL	
7:1 69			• 1						٠٠.	1	1		
68/ 67		.0	. i							5	5		
66/ 6			•d	•			•			7	7		
64/ 63	•0	.1 .2	• 0							29	29		
62/ 61	•1	.3 .1	.d .c	ì		. ,				44	44		
60/ 59	2 .7	. 5 . 2	.1 .0	) .						123	123	12	_
58/ 57	.0 .9 1.1	.6 .3	.1 .0							226	226	59	
56/ 55	.3 3.7 1.7 1	.2 .7	<u>. 1</u> . 0	]	****					565	565	229	-
54/ 53	2.0 6.6 1.9 1	1.2 .4	• 2							904	904	649	4
52/ 51	3.3 6.5 3.6 1		• • • • • • • • • • • • • • • • • • • •	<u>.</u>						1094	1094	971	9
50/ 49	3.0 6.3 2.9 1	1.0 .2	.1 .0	1						996	996	994	7
48/ 47	3-0 6-8 4-0	2 .1	- 1		• • • •					93 <u>2</u> 699	932 5 <b>9</b> 9	1133	8
44/ 43	2 1 4 0 5		•0							502	502	736	8
42/ 41	2.1 3.3 .4		•0	· · · · · · · · · · · · · · · · · · ·			•		•	453	453	571	7
40/ 39	2.3 2.4 .2	1 0	• 4							372	372	454	6
38/ 37	1.7 1.5	· J · · J								249	249	330	4
36/ 35	.9 .7	• 0								120	120	180	ż
34/ 33	.5 .3 .1			—			•			66	66	95	· 1
32/ 31	.2 .1									20	21	33	
39/ 29	.1 .7					•	•	•	•	11	11	17	
28/ 27	.1				- · - · ·					. 5	5	7	
26/ 25													
24/ 23											-		
22/ 21													
20/ 19													
18/ 17													
16/ 15		7.1 2.9	, .								7423		74
TOTAL :	24.248.316.4	7.1 2.9	.9 .1	4						7421	1723	7423	17
} · · ·			-		•					7423		1723	
]													
	• • •		•		• • •	•	•				٠		
Element (X)	Σχ;	Σχ	- x		No Obs.	<u></u>		Mean No.	of Hou	rs with Tempera	sture		
Rel. Hum.	58134672	651128		11.719	7423	· 0 F	· 32 F	- 67 F	- 73		93 F	Tot	taf
Dry Buib	17661820	359416	48.4	5.909	7423		3.			•			144
Wet Bulb	16284699	345373	46.5	5.387	7423		5.		†				44
Dew Point	15057577	331423	44.6	5.943	7424		21.		•				44

24292 COMOX BC DOT APT STATION NAME

#### **PSYCHROMETRIC SUMMARY**

31211014			• • • • • • • • • • • • • • • • • • • •	J14 (174)c					16.4					_	
													1	HOURS L	
Temp.					WET BILL	R TEMPERATUR	E DEPRESSION (F)					TOTAL		TOTAL	
(F)	0 1.2	3 - 4	5 - 6 7	a 0			6 17 - 18 19 - 20		5 26 25	7 29 20	20 . 21		au auth v		
60/ 59		• • • •			10 11 - 12	13.14 13.1	0 17 . 18 17 . 20	21 - 22 23 - 24 2	3 . 20 2/	. 20 27	30 31	4	17 BOID V	*** 50,55	-
58/ 57	,			.0								7	7		
	• 1	• 5					· · · · · · · · · · · · · · · · · · ·			- ·			33		
56/ 55	• .	. 1.		• I	-0							22	22	13	
<b>54/ 5</b> 3.		! • L	•.1		<u>-q</u>							41	41	16	
52/ 51	.2 1.8	-6		- L		_						216	216	57	_
50/ 49	1.8 4.3	1.8	-4	• a	• (	<u> </u>						592	592	354	_ 2
48/ 47	3.1 5.9	2.1	. 5	. 2	• d							853	853	648	4
46/ 45	3.2 7.0	2.3	. 5	.1	• 0			*				943	943	822	6
44/ 43	2.8 6.3	3 2.6	. 5	• L	.0							892	892	929	7
42/ 41	2.8 5.6	1.8	- 2	-1								775	775	84.1	7
40/ 39	2.7 5.0	1 1.2	. 2	. 1							. —	661	661	839	8
38/ 37	2.8 3.9	1.0	. 4	.1								585	585	679	7
36/ 35	2.7 2.6	. 6		. 5			·			• .		448	448	566	6
34/ 33	2.6 1.9	.5	. 1									375	375	461	6
32/ 31	2.6 1.3		· · · · <del>-</del>	•							•	320	320	382	4
30/ 29	1.4 .9	.1	. 0									181	181	230	2
28/ 27	.8			•		· · - · · · · · · · · · · · · · · · · ·			•		•	103	103	137	1
26/ 25	.2 .4											50	50	63	ī
24/ 23	.2 .3		- •	•							•	42	42	52	
22/ 21	. 1											49	49	37	
2C/ 19				•								15	15	32	
18/ 17												ii	ií	14	
16/ 15	•0				-· - ·	• • • •			· · · ·			11	<del></del>	16	
	•0 •1	1										14	11	9	
14/ 13.			-	•					· · · · ·					··· <del>- </del>	
12/ 11														,	
10/ 9.												***			
8/ 7															
6/ 5.											•				
4/ 3															
2/ 1.															
5/- 1															
2/- 3							→ ···								<u>.</u>
OTAL	33.149.3	316.1	3.5	1.0	.1 .	0							7196		71
					,							7196		7196	
Element (X)	Σχ		Σχ		<u> </u>	σ <sub>χ</sub>	No. Obs.					with Tempera			
Rel Hum		11749		5977	88.4	11.213	7196		2 F	- 67 F	. 73 F		. 93 F		tal
Dry Bulb	126	32715		7691	41.4	6.643	7196		18.2		+				20
Wet Bulb		66147		7159	39.9	6.532	7196		7.6		·				72C
Dew Point 1	1079	90387	273	3311	38.0	7.547	7196	-6 14	2 . 0					7	720

54-63

DBM 0.26 \$ (Det 10) BEVISED PREVIOUS EDITIONS OF THIS FORM

STATE OF THE STATE

### PSYCHROMETRIC SUMMARY

24292 STATION		HUA	BC 00		ION NAM			54-63		YEAR	s				DEC	
															PAGE 1	
Temp								RE DEPRESSION (F)					TOTAL		TOTAL	
(F)		1 - 2	3 4	5 - 6		. 10 11 .	12 13 - 14 15 -	16 17 - 18 19 - 20	21 - 22 23 - 24 2	5 - 26 27	28 29	30 31	D.B W B D	ry Bulb V	Ver Bulb D	ew Po
60/ 59			_	_	• 0			i					Ī	1		
58/ 57			• 0	• 0	• <u>a</u>			- <del> </del>					. 3	3		
56/ 55			• 0	• 1									6	6		
54/ 53		• l	. 2	. 1	. <u>• .li</u>								32	32	Ļ	_
52/ 51		• 5	-4	. 1	- 0								75	75	13	
55/ 49	. • 3	1.6	.7	. 2									210	210	121	
48/ 47	1.0	4.1	• 9	. 1									455	455	287	Ĺ
46/ 45	2.3	7.2	1.5	. 1	. l						_		836	836	621	4
44/ 43	2.1	8.4	1.5	. 3	. 0	.0	-1						925	925	810	6
42/ 41	3.5	6.7	1.6	. 2	.1	.0							900	900	985	9
40/ 39	4.2	6.8	. 9	. 2	. 0								905	905	971	9
38/ 37	4.2	5.9	1.1	. 2	. 0								854	854	931	9
36/ 35	4.1	4.5	.6	. 1	• 3	-						•	687	687	808	8
34/ 33	_	3.9	.2	. 0									598	598	658	7
32/ 31	2.3		-3	-1								•	373	373	513	5
30/ 29		:	.1	. i									274	274	299	4
28/ 27			-1	- <del>- 3</del>									120	120	184	2
26/ 25			ā	• •									71	71	92	1
24/ 23		· <del>-</del>	•0		•								46	46	64	
22/ 21													46	46	46	
$\frac{227}{21}$			.0			• • -								20	32	
													20	20	3	
18/ 17	•	• 9		•									<u>_</u>	. 4	3	
16/ 15																
14/ 13	•														_ ~	
12/ 11																
<b>137</b> - 9																
6/ 5						_	_									<b>-</b> .
TOTAL	. 31	22.1	10-1	Z• ₫	• •	<u>. 0</u>	• 0				-•			7439		74
													7439		7439	
							····									
							'									
																-
								İ								
Element (X)		Σχ		Σ		- X	σ,	No. Obs.			N4	Mana	rith Tempero	4		
Rel. Hum		<del>_</del>	7036			<u> </u>		7439	* O F = 3	32 F	- 67 F	- 73 F	80 F	- 93 F		tal
Dry Bulb	+	6084			9374	90.		7439		95.2				— <del></del>		144
Wet Bulb	+	1185			3499	39.				23.3				• · · ·		144
Dew Point	<del> </del>	1113			4489	38.		7439								144
UW POINT	<u> </u>	1027	2921		2359	36.	6 6.364	7439	<u></u>	74.6						77

#### MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24292	COM	OX CC I	OUT AP	1			54-	63						
STATION	;		STAT	ION NAME						YEARS		·	<del></del>	
HRS ILST		JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV	DEC	ANNUAL
	MEAN	35.9	37.4	37.2	42.8	48.8	54.3	57.7	57.1	52.4	45.9	39.7	38.4	45.7
20-02	S D	7.276	6.562	5.814	4.651	5.243	4.929	4.596	4.077	4.719	5.746	6.890	6.296	9.660
	TOTAL OBS	916	843	93C	900	927	900	925	928	895	929	900	929	10922
					4. 4		£ 5 . E			<del></del>	<u> </u>			
	MEAN			36.5										44.6
03-05	- 1						i						6.299	
	TOTAL OBS	915	844	930	900	929	900	93.	930	899	930	899	936	10936
	MEAN	35.3	37.0	37.1	44.0	51.7	56.6	59.9	58.8	53.1	45.7	39.2	38.2	46.5
06-08	S D	7.404	6.553	5.831	4.840	5.235	4.454	4.304	4.282	5.240.	5.989	6.920	6.432	10.522
	TOTAL OBS	920	843	930	898	93%	900	927	929	900	930	898	930	10935
														1
	MEAN	37.1	40.5	42.5	49.1	56.3	60.6	64.8	64.1	59.5	50.6	42.5	40.0	50.7
09-11	. S D.	6.584	5.348	4.754	4.099	5.453	5.052	5.026	4.351	4.372	4.339	5.828	5.642	10.957
	TOTAL OBS	924	846	930	900	930	900	93€	930	898	929	900	930	10947
	MEAN	39.4	43.0	44.9	51.6	50 5	63.5	68.8	67 6	62.3	52.7	44 9	42.1	53.4
12-14				4.909					_					11.579
12 44	TOTAL OBS	934	845		900		895	)		892			930	10941
	TOTAL OBS	73.	7	736	700	75.	077	730	727	072	730	700	930	10341
	MEAN	38.8	42.8	45.1	52.2	60.8	64.6	70.5	68.7	62.7	52.2	43.8	41.0	53.7
15-17	S D	6.069	5.211	5.088	5.601	7.737	7.541	7.861	6.695	5.811	4.573	5.435	5.168	12.582
	TOTAL OBS	928	846	928	900	929	899	929	929	892	922	900	930	10932
		24 3	20.3		40.0		<del></del>							
10.30	MEAN	36.7		41.6				67.5				41.3		50.5
16-20													5.974	
	TOTAL OBS	927	844	926	899	929	897	930	929	896	925	900	930	10932
	MEAN	36.3	38.2	39.C	45.1	52.1	57.1	61.2	59.6	54.2	46.6	40.2	38.5	47.4
21-23	S D .	7.136	6.215	5.464	4.456	5.573	5.394	5.108	4.363	4.457	5.366	6.828	6.271	10.396
	TOTAL OBS	919	844	930	900	928	900	926	928	896	928	899	930	10928
		36.9	30 5	40.5	44 0	64 7	50 C	63.2	42 0	E	49 4	41.4	30 5	49.0
ALL	MEAN													
HOURS	5 D			6.315										11.417
	TOTAL OBS	1519	0122	7434	71.97	1432	(1741)		1932	1708	1923	11.40	7439	87473

1210 WS JUL 64 0 89 5 (Det 50)

#### **MEANS AND STANDARD DEVIATIONS**

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

									<del></del>					
24292	COM	IOX BC	DOT AP	r			54-	63						
STATION			STAT	ION NAME						YEARS	-			
HRS (L S.T)		JAN.	FEB.	MAR.	APK.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	34.9	36.2	35.7	40.6	45.9	51.3	54.2	54.5	50.7	44.7	38.6	37.4	43.8
(0-02	S D	7.178	6.667	5.605	4.380	4.700	4.285	3.688	3.434	4.770	5.614	6.829	6.090	8.945
<u> </u>	TOTAL OBS	916	843	930	900	927	900	925	928	895	929	<b>9</b> 0⊍	929	11922
	MEAN	34 6	35 Q	35.1	20 4	44.5	80 C	52.9	52 2	40 5	44 2	20 6	37.4	43.C
13-35	S.D.												6.074	8.71
,,, ,,,	TOTAL OBS								930					10933
	1		•											
	MEAN	34.4	35.9	35.6	41.5	47.8	52.6	55.6	55.5	51.2	44.6	38.2	37.2	44.2
06-08	S D.	7.391	6.728	5.707	4.387	4.413	3.796	3.202	3.386	5.033	5.883	6.874	6.202	9.45
	TOTAL OBS	92(	843	927	898	930	900	927	930	900	930	898	930	10933
		35.0	30 (	30.7		e 15 e	24 0	E0 3	50 /			45.6	20.3	
00-11	MEAN S D												38.7	47.0
02-11	TOTAL OBS			930					2.752 930			900		9.177 13947
	TOTAL OBS	744	040	730	900	73.	700	73	930	070	767	9,70	736	10941
	MEAN	37.6	40.3	41.1	46.0	51.7	56.0	59.6	59.7	56.3	49.3	42.5	40.2	48.4
12-14	5 D :	5.956	5.288	4.505	3.776	4.317	3.907	3.755	2.977	3.821	4.008	5.419	4.751	8.976
	TOTAL OBS	936	845	930	900	929	895	930	929	892	930	900	<u>930</u>	10940
	MEAN	37.3	40.1	41.0	46.1	52-1	56.4	60-1	60.2	56.4	48.9	41.8	39.5	48.4
15-17	' S D													
	TOTAL OBS								928		922		930	10930
													1	
	MEAN	35.7	38.1	39.0	44.5	50.9	55.5	59.2	59.0	54.4	46.7	39.9	37.9	46.8
18-20	5. D	6.846	5.722	4.971	3.967	4.628	4.229	4.047	3.228	4.180	4.705	6.391	5.780	9.774
	TOTAL OBS	928	844	926	899	929	897	930	929	896	925	900	930	10933
	MEAN	35 4	36.0	37.1	42.3	48 2	53.3	54.6	56.3	52.0	45 2	20 3	37.5	45.0
21-23	S D.												6.331	9.317
	TOTAL OBS					928			928					10928
	MEAN								57.1					45.8
ALL HOURS	S D												5.812	9.421
	TOTAL OBS	7380	6755	7428	7197	7431	7191	7426	7432	7168	7423	7196	7439	87466

1210 WS JUL 64 0-89-5 (Det 50)

#### MEANS AND STANDARD DEVIATIONS

DEH-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24292	COMOX BC DOT APT	54-63
STATION	STATION NAME	YEARS

IRS.(L.S.T.)		JAN.	FE3.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	33.2	34.2	33.4	37.9	43.0	48.7	51.6	52.6	49.2	43.5	37.2	36.1	41.8
00-02	5. D	8.321	8.064	6.519	5.313	5.353	4.894	4.151	3.823	5.388	6.962	7.564	6.567	9.32
	TOTAL OBS	916	843	930	900	927	900	925	928	895	929	900	929	1692
	i													
,	MEAN				37.1			50.8			43.2			41.2
03-05	S. D	8.456	8.411	6.737	5.684		i		3.894	5.682	6.336	7.710	6.475	9.22
<del>-</del> i	TOTAL OBS	915	844	927	900	929	900	93	930	899	930	899	930	1093
					<del></del>									
	MEAN	32.8		33.4						49.5				42.0
(6-08	S. D.	8.557		6.727	,					,				9.63
	TOTAL OBS	920	643	927	898	930	900	927	930	900	<b>9</b> 30	898	930	1093
		22 (	35.0	24 0		15.5		53.7				20.3	7.	42.7
	MEAN	33.9		36.0		,	1			51.9				43.7
09-11		8.118	1	6.260										9.34
	TOTAL OBS	924	846	930	900	930	900	937	930	898	930	900	930	1094
	MEAN	35.1	36.9	36.4	30.0	45.0	50.6	53.6	54.8	51.9	46.2	39.7	37.0	44.0
12-14			7.457					4.057						9.05
	TOTAL OBS	930	845						929		930	900.	930	1094
~		300	042		770	76.7		7.7	76.7	0,72	7.70	700		1074
	MEAN	35.0	36.4	36.0	39.5	44.6	50.4	53.4	54.8	51.7	45.8	39.2	37.6	43.7
15-17	S D	7.660	7.666	6.603	5.940			4.545		5.290	5.567	7.193	5.878	9.22
	TOTAL OBS	928	846	928		-	899		928		922	900	930	1093
	MEAN	33.9	35.7	35.6	39.7	45.2	50.8	53.7	55.2	51.7	45.0	38.1	36.4	43.5
18-20	S D.	7.938	7.376	6.328	5.659	5.342	4.734	4.513	3.582	4.980	5.408	7.498	6.287	9.56
	TOTAL OBS	928	844	926	899	929	897	930	929	896	925	900	930	1093
		· · · · · · · · · · · · · · · · · · ·												
	MEAN	33.5		34.4	38.9	44.6	,	53.3						42.7
21-23	5. D.			6.438								7.560		9.57
	TOTAL OBS	919	844	930	900	928	900	926	928	896	928	899	930	1092
		22 0	25 2	24 0	30.0		40.0	63.0	E3 C	E0 E	4	30 0	34 4	42.0
ALL	MEAN	33.8	35.2		39.0	44.2			53.9		44.6			42.8
HOURS	S D	8.133		6.630										9.42
	TOTAL OBS	<u>738</u> 3	0/55	7428	7197	7431	7191	7426	(432	7168	1969	1779	1439	8746

1210 WS JUL 64 0-89-5 (Det 50)

#### **RELATIVE HUMIDITY**

24292

COMOX SC DOT APT

54-63

ALL

STATION

STATION NAME

P

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		,	PERCENTAGE F	REQUENCY C	F RELATIVE H	UMIDITY GRE	ATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
JAN	ALL	100.0	100.0	99.9	99.8	99.1	97.4	93.1	84.0	59.5	89.1	7380
<b>F</b> Eb		100.0	160.0	99.8	98.9	96.9	93.6	86.8	75.8	49.3	85.8	6755
MAR		100.3	100.0	99.9	99.1	96.7	90.6	78.1	59.6	31.9	81.2	7428
APR		100.0	100.0	99.5	97.9	92.6	82.7	65.2	44.2	20.C	75.7	7197
MAY		100.0	100.0	99.1	95.9	88.7	74.7	54.8	31.6	12.4	71.3	7431
JUN		100.0	100.0	99.6	97.9	92.1	80.5	60.3	36.3	13.7	73.8	7191
JUL		100.0	100.0	99.6	96.8	88.8	74.4	52.6	31.5	11.1	71.0	7426
AUG		105.0	100.0	99.7	98.6	94.3	84.0	67.2	46.6	19.0	76.5	7432
SEP		100.0	100.0	99.8	99.2	96.6	89.8	77.7	60.9	34.3	81.6	7168
OCT	i 	100.0	100.0	100.0	99.6	98.7	96.5	90.6	77.5	53.9	87.7	7423
NOV		130.0	100.0	100.0	99.8	98.9	97.3	91.7	79.6	55.9	88.4	7196
DEC		100.0	100.C	100.0	99.9	99.6	98.7	95.7	86.8	60.0	90.0	7439
70	TALS	100.0	100.0	99.7	98.6	95.2	88.3	76.1	59.4	35.0	81.0	87466

1210W\$ FORM 0-87-5 (Det 50)

#### RELATIVE HUMIDITY

24292

COMOX &C DOT APT

54-63

MAL

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(L.S.T.)				PREQUENCY C	PE KELATIVE H	IUMIDITY GRE	ATER THAN			MEAN	TOTAL
	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
00-02	100.0	100.0	100.0	99.9	99.5	97.9	94.2	89.2	65.5	90.5	916
03-95	100.0	100.0	100.0	100.0	99.5	98.6	94.5	88.7	66.6	90.7	915
06-08	100.0	100.0	100.0	106.0	99.5	98.6	96.0	88.5	67.1	90.9	920
09-11	100.0	100.0	100.0	99.6	99.2	97.8	91.5	81.3	58.3	88.7	924
12-14	100.0	100.0	99.8	99.4	98.2	95.2	89.0	71.9	42.8	85.3	930
15-17	100.0	100.0	99 <b>.9</b>	99.4	98.4	96 • 2	91.6	77.5	47.3	86.7	928
18-20	100.0	100.0	100.0	100.0	99.5	97.6	94.4	87.1	64.5	90.1	928
21-23	99.9	99.9	99.9	99.9	98.9	97.6	93.9	88.1	64.2	90.1	919
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			<del></del>							-	7380
	03-25 06-08 09-11 12-14 15-17 18-20	03-75 100.0 06-08 100.0 09-11 100.0 12-14 100.0 15-17 100.0 18-20 100.0 21-23 99.9	03-25 100.0 100.0 06-08 100.0 100.0 09-11 100.0 100.0 12-14 100.0 100.0 15-17 100.0 100.0 18-20 100.0 100.0 21-23 99.9 99.9	03-75 100.0 100.0 100.0 06-08 100.0 100.0 100.0 09-11 100.0 100.0 100.0 12-14 100.0 100.0 99.8 15-17 100.0 100.0 99.9 18-20 100.0 100.0 100.0 21-23 99.9 99.9 99.9	03-05 100.0 100.0 100.0 100.0 06-08 100.0 100.0 100.0 100.0 09-11 100.0 100.0 100.0 99.6 12-14 100.0 100.0 99.8 99.4 15-17 100.0 100.0 99.9 99.4 18-20 100.0 100.0 100.0 100.0 21-23 99.9 99.9 99.9	03-95 100.0 100.0 100.0 100.0 99.5 06-08 100.0 100.0 100.0 106.0 99.5 09-11 100.0 100.0 100.0 99.6 99.2 12-14 100.0 100.0 99.8 99.4 98.2 15-17 100.0 100.0 99.9 99.4 98.4 18-20 100.0 100.0 100.0 100.0 99.5 21-23 99.9 99.9 99.9 99.9 98.9	03-05 100.0 100.0 100.0 100.0 99.5 98.6 06-08 100.0 100.0 100.0 100.0 99.5 98.6 09-11 100.0 100.0 99.8 99.4 98.2 95.2 15-17 100.0 100.0 99.9 99.4 98.4 96.2 18-20 100.0 100.0 100.0 100.0 99.5 97.6 21-23 99.9 99.9 99.9 99.9 98.9 97.6	03-95 100.0 100.0 100.0 100.0 99.5 98.6 94.5 06-08 100.0 100.0 100.0 100.0 99.5 98.6 96.0 09-11 100.0 100.0 100.0 99.6 99.2 97.8 91.5 12-14 100.0 100.0 99.8 99.4 98.2 95.2 89.0 15-17 100.0 100.0 99.9 99.4 98.4 96.2 91.6 18-20 100.0 100.0 100.0 100.0 99.5 97.6 94.4 21-23 99.9 99.9 99.9 99.9 98.9 97.6 93.9	03-75 100.0 100.2 100.0 102.0 99.5 98.6 94.5 88.7 06-08 100.0 100.0 100.0 100.0 99.5 98.6 96.0 88.5 09-11 100.0 100.0 99.6 99.2 97.8 91.5 81.3 12-14 100.0 100.0 99.8 99.4 98.2 95.2 89.0 71.9 15-17 100.3 100.0 99.9 99.4 98.4 96.2 91.6 77.5 18-20 100.0 100.0 100.0 100.0 99.5 97.6 94.4 87.1 21-23 99.9 99.9 99.9 99.9 98.9 97.6 93.9 88.1	03-75 100.0 100.0 100.0 100.0 99.5 98.6 94.5 88.7 66.6 06-08 100.0 100.0 100.0 99.5 98.6 96.0 88.5 67.1 09-11 100.0 100.0 100.0 99.6 99.2 97.8 91.5 81.3 58.3 12-14 100.0 100.0 99.8 99.4 98.2 95.2 89.0 71.9 42.8 15-17 100.0 100.0 99.9 99.4 98.4 96.2 91.6 77.5 47.3 18-20 100.0 100.0 100.0 100.0 99.5 97.6 94.4 87.1 64.5 21-23 99.9 99.9 99.9 99.9 98.9 97.6 93.9 88.1 64.2	03-75 100.0 160.3 100.0 100.0 99.5 98.6 94.5 88.7 66.6 90.7 66-68 100.0 100.0 100.0 100.0 99.5 98.6 96.0 88.5 67.1 90.9 09-11 100.0 100.0 99.6 99.2 97.8 91.5 81.3 58.3 88.7 12-14 100.0 100.0 99.8 99.4 98.2 95.2 89.0 71.9 42.8 85.3 15-17 100.0 100.0 99.9 99.4 98.4 96.2 91.6 77.5 47.3 86.7 18-20 100.0 100.0 100.0 100.0 99.5 97.6 94.4 87.1 64.5 90.1 21-23 99.9 99.9 99.9 99.9 98.9 97.6 93.9 88.1 64.2 90.1

1210WS FORM 0-87-5 (Def 50)

### RELATIVE HUMIDITY

24292

COMOX &C DOT APT

54-63

FEB

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ļ	HOURS		1	PERCENTAGE	FREQUENCY C	F RELATIVE H	UMIDITY GRE	ATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
FEB	00-62	106.0	100.0	100.0	99.5	97.7	96∙↑	92.6	84.3	61.6	89.0	<b>84</b> 3
	03-05	100.0	100.0	100.0	99.3	97.9	95.7	92.4	84.0	62.4	88.8	844
	06-08	100.0	100.0	100.0	99.6	97.9	96.0	91.9	86.2	62.9	89.2	843
	09-11	100.0	100.0	99.8	98.9	96.1	93.3	84.2	73.2	44.2	84.6	846
	12-14	100.0	100.0	99.5	98.2	95.9	39.5	77.0	59.3	28.0	80.3	845
	15~17	100.0	100.0	99.2	97.4	94.7	88.4	76.2	58.0	27.0	79.6	846
	18-20	100.0	100.0	99.8	98.7	97.0	94.8	89.3	78.9	49.6	86.4	844
	21-23	100.0	193.0	100.0	99.4	97.7	95.4	90.9	82.2	59.1	88.3	844
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101	TALS	100.0	100.0	99.8	98.9	96.9	93.6	86.8	75.8	49.3	85.8	6759

111

1210W\$ FORM 0.87.5 (Det 50)

#### RELATIVE HUMIDITY

24292

COMUX BC DOT APT

54-63

MAK

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		F	PERCENTAGE	FREQUENCY C	F RELATIVE H	UMIDITY GRE	ATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
HAR	00-02	100.0	100.3	100.0	99.8	99.5	95.8	90.9	76.9	47.2	86.7	930
	03-45	100.0	100.0	100.0	99.9	98.9	97.1	91.7	80.6	50.8	87.4	97
	06-08	100.0	100.0	100.0	100.0	98.6	96.0	90.6	79.4	49.3	87.0	92
	09-11	100.0	100.0	100.0	98.6	96.8	90.B	72.8	49.6	21.2	78.7	930
	12-14	100.0	99.9	99.7	97.4	93.2	82.2	60.4	34.3	12.7	73.6	930
	15-17	100.0	99.9	99.5	97.4	90.6	77.6	55.5	31.0	12.5	72.1	928
	18-20	100.3	100.0	99.9	99.5	97.0	91.0	77.9	55.4	22.8	80.0	926
	21-23	100.0	100.0	100.0	100.0	99.0	94.7	84.9	70.0	39.1	84.3	930
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101	TALS	100.0	100.0	99.9	99.1	96.7	90.6	78.1	59.6	31.9	81.2	7428

1210WS FORM 0-87-5 (Det 50)

### **RELATIVE HUMIDITY**

24292

COFOX BC DOT APT

54-63

APR

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS _		1	PERCENTAGE	FREQUENCY C	OF RELATIVE H	IUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
APR	00-02	100.0	100.0	100.0	100.0	98.3	95.2	86.6	67.0	33.9	83.5	900
	03-05	100.0	100.0	105.0	99.9	98.7	96.7	91.8	73.9	42.0	85.9	900
	06-08	100.0	100.0	100.0	100.0	98.2	94.8	80.6	59.4	29.0	81.7	898
	09-11	100.0	100.0	99.8	98.7	94.0	82.3	54.4	27.4	10.1	72.3	900
	12-14	100.0	100.0	98.8	96.8	85.0	65.6	35.9	16.9	6.3	66.0	900
	15-17	100.0	99.9	98.1	92.6	79.4	57.1	35.8	19.3	6.3	64.2	900
	18-2C	160.3	100.0	99.1	95.7	9-1-8-	79.2	59.6	34.0	9.8	72.2	899
	21-23	100.0	100.0	100.0	99.7	96.6	90.9	77.1	55.4	22.6	79.9	900
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τo	TALS	100.0	100.0	99.5	97.9	92.6	82.7	65.2	44.2	20.0	75.7	7197

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### RELATIVE HUMIDITY

24292

COMOX SC DUT APT

54-63

MAY

STATION

PERIOD

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		F	ERCENTAGE	FREQUENCY C	OF RELATIVE H	UMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
MAY	00~0 <b>z</b>	160.5	100.0	100.0	100.0	99.5	95.7	83.6	54.7	22.0	81.1	92 <b>7</b>
i	03-05	100.0	100.0	100.0	100.0	100.0	98.1	91.5	67.0	30.7	84.3	929
	06-08	100.0	100.C	100.0	99.9	98.5	91.8	67.8	34.8	12.6	76.0	950
	09-11	100.3	103.0	99.7	97.4	92.6	74.1	4:.0	15.3	4.2	67.8	930
·	12-14	100.0	99.8	98.6	93.1	76.4	46.2	22.3	9.9	3.1	60.6	929
	15-17	100.0	100.0	96.3	84.9	64.6	40.8	22.3	11.0	4.7	57.9	929
	18-20	100.0	153.0	98.3	92.1	80.8	63.1	41.9	19.6	6.9	65.8	929
	21-23	100.0	100.0	100.0	99.7	97.1	87.6	69.3	41.8	14.8	76.6	928
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		1										
tot	ALS	100.0	100.0	99.1	95.9	88.7	74.7	54.8	31.6	12.4	71.3	7431

### **RELATIVE HUMIDITY**

24292

THA TOU DE KOMOD

54-63

JUN

STATION

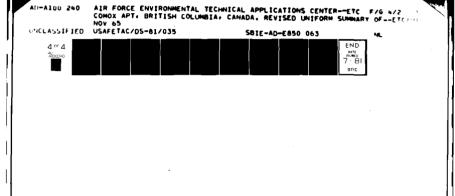
STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		ş	PERCENTAGE	FREQUENCY (	OF RELATIVE H	UMIDITY GRE	ATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
JUN	00-02	100.3	100.0	100.0	100.0	99.3	95.2	83.8	59.8	27.6	82.4	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	91.8	65.2	32.4	84.8	900
: 	06-08	100.0	100.0	100.0	99.9	99.3	96.4	72.3	36.6	12.7	77.4	900
	09-11	120.0	100.0	99.7	99.7	96.7	79.6	44.3	18.7	3.8	79.1	900
i	12-14	100.0	100.0	99.8	96.1	83.7	59.4	33.6	14.2	2.8	64.5	895
	15-17	100.0	100.0	98.0	92.3	73.5	52.9	31.4	15.5	3.6	62.2	899
İ	18-20	100.0	100.0	99.0	95.7	86.1	70.6	47.9	26.4	8.1	69.1	897
	21-23	100.0	100.0	100.0	99.9	98.4	90.7	76.7	53.7	19.3	79.6	900
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101	TALS	100.0	100.0	99.6	97.9	92.1	80.5	60.3	36.3	13.7	73.8	7191

1210WS FORM 0-87-5 (Det 50)



### RELATIVE HUMIDITY

24292

COMOX &C DOT APT STATION NAME 54-63

PERIOD

JUL

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		,	PERCENTAGE	FREQUENCY C	OF RELATIVE H	UMIDITY GRE	ATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH .	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	085.
JUL	00-02	100.0	100.0	100.0	100.0	99.6	96.0	80.1	53.2	22.2	80.8	925
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	92.9	71.4	27.8	84.8	930
	06-08	100.0	100.0	100.0	100.0	99.6	95.8	74.3	38.5	10.8	77.4	927
	09-11	100.5	100.0	10:.0	99.7	95.8	77.5	36.9	13.7	2.3	68.1	930
	12-14	100.0	100.0	99.8	95.5	75.6	45.3	19.0	7.3	2.4	59.9	930
	15-17	100.0	99.9	98.0	87.1	63.9	35.2	18.6	9.6	3.3	56.8	928
	18-20	100.0	99.9	98.7	92.8	78.1	56.8	32.6	16.3	6.7	63.6	930
	21-23	100.0	100.0	100.0	99.7	97.8	89.8	66.2	42.0	13.6	76.5	926
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101	ALS	100.0	103.0	99.6	96.8	88.8	74.4	52.6	31.5	11-1	71.0	7426

## RELATIVE HUMIDITY

24292

COMOX RC DUT APT

54-63

AUG

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		1	PERCENTAGE	FREQUENCY (	OF RELATIVE H	UMIDITY GRE	ATER THAN		i	MEAN	TOTAL
ONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
NU G	00-02	100.0	100.0	100.0	100.0	100.5	98.8	91.1	73.7	35.2	85.6	928
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.7	84.1	43.0	88.1	930
	26-08	100.0	100.0	100.0	105.0	99.7	98.4	87.0	60.5	21.5	82.4	930
	09-11	10.0	100.0	100.0	99.6	98.1	87.0	55.2	24.3	6.6	72.4	930
	12-14	100.0	100.0	99.8	98.0	88.6	62.1	31.9	15.0	4.6	65.5	929
	15-17	100.0	100.0	98.6	94.3	76.9	53.1	34.4	15.8	5.4	63.3	928
	18-20	100.0	100.0	99.6	97.0	91.6	77.4	57.8	35.3	9.0	72.2	929
	21-23	100.0	100.0	130.0	100.0	99.4	95.4	83.9	64.1	26.5	82.6	928
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tot	AIS /	100.0	100.0	99.7	98.6	94.3	84.0	67.2	46.6	19.0	76.5	7432

1210WS FORM 0.87-5 [Det 50]

### **RELATIVE HUMIDITY**

24292

COMOX 8C DOT APT

STATION NAME

54-63

PERIOD

SEP

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		,	PERCENTAGE	FREQUENCY C	F RELATIVE H	IUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS.
StP	00-62	100.3	100.0	100.0	100.0	99.9	98.5	95.5	85.0	55.8	89.3	89
	03-05	100.0	100.0	100.0	99.9	99.7	98.9	96.8	90.3	64.1	90.9	899
	06-08	100.0	100.0	100.0	100.0	99.3	97.7	92.7	81.1	50.8	88.2	900
	09-11	100.0	100.0	100.0	99.1	97.1	90.1	71.0	42.9	15.1	77.2	898
	12-14	100.0	100.0	99.6	97.6	91.1	74.4	49.3	26.1	9.1	70.2	892
	15-17	100.3	100.0	99.1	97.0	87-8	69.5	46.2	27.5	9.4	69.3	892
	18-20	100.0	100.0	100.0	100.0	98.2	91.9	78.6	55.5	23.5	80.6	896
	21-23	100.0	100.0	100.0	100.0	99.3	97.5	91.4	78.7	46.0	86.9	896
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			:									
			i									
101	TALS	100.0	100.0	99.8	99.2	96.6	89.8	77.7	60.9	34.3	81.6	7168

### RELATIVE HUMIDITY

24292

COMOX 8C DOT APT

54-63

OCT

STATION

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		1	PERCENTAGE	REQUENCY C	F RELATIVE H	IUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
OC T	00-12	106.0	100.0	100.0	99.8	99.6	98.8	97.3	91.C	70.9	92.0	929
	03-05	100.0	100.0	100.0	99.8	99.4	58.8	97.6	91.3	73.4	92.6	930
	06-08	100.0	100.0	100.0	99.7	99.4	98.7	96.9	91.9	73-1	92.3	930
	09-11	100.0	100.0	100.0	99.5	98.4	96.1	88.5	68.7	40.6	85.2	929
	12-14	100.0	100.0	99.9	99.4	96.7	91.7	76.7	53.2	24.6	80.0	930
	15-17	100.0	100.0	100.0	99.1	97.0	91.1	77.4	55.2	25.3	80.1	922
	18-20	100.0	100.0	100.0	99.9	99.7	98.1	93.9	83.2	55.9	88.8	925
	21-23	100.0	100.0	100.0	99.8	99.2	98.3	96.4	85.7	67.5	90.7	928
101	TALS	100.0	100.0	100.0	99.6	98.7	96.5	90.6	77.5	53.9	87.7	7423

1210WS FORM 0-87-5 (Det 50)

## RELATIVE HUMIDITY

24292

COMOX SC DOT APT

54-63

NOV

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		,	PERCENTAGE	FREQUENCY (	OF RELATIVE H	IUMIDITY GRE	ATER THAN			MEAN	TOTAL
монтн	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
NOV	00-02	100.0	100.G	100.0	100.0	100.3	99.3	95.6	87.1	66.7	91.3	900
	03-05	100.0	100.0	103.0	99.8	99.4	98.9	95.4	87.2	66.3	90.9	899
	06-08	100.0	100.0	100.0	100.0	99.2	98.1	95.5	88.9	67.7	91.1	898
	09-11	100.0	100.0	100.0	99.8	98.4	95.8	90.2	75.7	49.1	86.9	960
	12-14	100.0	100.0	99.9	99.7	97.3	94.4	84.3	62.0	35.6	83.2	900
	15-17	100.0	100.0	100.0	99.6	97.7	96.0	86.7	69.1	37.9	84.6	900
	18-20	100.3	100.0	100-0	100.0	99.3	97.2	92.4	82.1	59.7	89.0	900
1 1	21-23	100.0	100.0	100.0	100.0	99.9	98.8	93.5	85-1	64.4	90.3	899
· · · · · · · · · · · · · · · · · · ·	·				:			<u> </u>				
		· · · · · · · · · · · · · · · · · · ·			[			- +	1		<u> </u>	
								·				
		<del></del>	: :					-	:			
101	TALS	100.0	100.0	100.0	99.8	98.9	97.3	91.7	79.6	55.9	88.4	7196

#### **RELATIVE HUMIDITY**

24292

COMOX BC DOT AFT

54-63

DEC

STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

	HOURS		,	PERCENTAGE	FREQUENCY C	F RELATIVE H	UMIDITY GRE	ATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
DEC	00-02	100.0	100.0	100.0	100.0	99.7	99.2	96.9	90.7	71.0	91.8	929
	03-05	100.0	100.0	100.0	100.0	99.9	99.5	98.4	92.0	68.6	92.0	930
	76~08	100.0	100.0	100.0	100.0	99.8	99.5	97.8	91.5	68.9	91.7	930
	09-11	100.0	100.0	100.0	99.8	99.7	98.6	94.0	82.9	54.6	88.9	930
	12-14	100.0	99.9	99.9	99.7	99.1	96.9	91.5	74.9	37.4	85.7	930
	15-17	100.0	100.0	99.9	99.7	99.4	98.1	94.5	83.4	48.9	88.0	930
	18-20	100.0	100.0	100.0	100.0	99.9	99.0	95.5	86.4	63.2	90.5	930
	21-23	100.0	100.0	100.0	100.0	99.7	99.5	96.8	90.2	67.0	91.2	930
										:		
101	TALS	100.0	100.0	100.0	99.9	99.6	98.7	95.7	86.8	60.0	90.0	7439

1210WS FORM 0-87-5 (Det 50)

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MATS) ASHEVILLE, NORTH CAROLINA

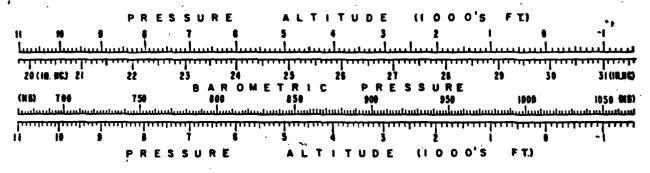
#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



#### **MEANS AND STANDARD DEVIATIONS**

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

24292

COMOX BC DOT APT

54-63

STAT:ON	¥		STAT	ION NAME						YEARS				
HRS (L.S.T	)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	ОСТ.	NOV	DEC	ANNUAL
	MEAN	29.951	29.890	29.885	29.919	29.925	29.919	29.947	29.939	29.918	29.909	29.9472	9.945	29.925
L1	S D	.322	.327	.299	.225	.154	.131	118	.107	.170	.262	.295	.317	- 242
	TOTAL OBS	309	282	310	300	309	300	308	309	299	310	300	310	3646
	+	20.053	22 22	20.00	20.030	00.006		20 055	22 24					
~ .	MEAN	_					,		-			29.9452		29.926
04	\$. D	.322											.317	.243
	TOTAL OBS	310	282	310	00 و	310	300	310	310	300	310	300	310	3652
	MEAN	29.946	29.890	29.888	29.932	29.947	29.938	29.975	29.964	29.935	29.909	29.9462	9.938	29.934
. 7	\$ D.	. 324				-		1					.316	. 245
	TOTAL OBS	308	282	310	299								310	3648
						· · · · · · · · · · · · · · · · · · ·		· +	· · · · · · · · · · · · · · · · · · ·	,				
	MEAN	29.968										29.9612	9.959	29.945
1.5	S. D.	.325	.327			-154	.135	-115	.109	.178	.264	• 305	.319	- 246
	TOTAL OBS	308	282	310	300	310	300	310	310	299	310	300	310	3649
	MEAN	79 949	20 805	20 801	20 320	20 034	20 031	29.964	20.057	20.030	20 014	29.9452	0 042	29.932
13	S. D.	.324							107		.256		. 324	.243
	TOTAL OBS				,	1			310					3644
	MEAN	29.948	29.879	29.875	29.908	29.915	29.914	29.940	29.931	29.906	29.899	29.9312	9.936	29.915
16	\$. D.	.318	.314	.288	.224	.147	.130	.112	-106	.168	.251	.303	.323	.239
	TOTAL OBS	308	282	309	299	310	299	309	310	298	308	300	310	3642
	MEAN	20 043	20 075	20 947	20 607	20 003	20 007	20 022	20 014	20 000	20 607	29.9312	0 036	29.908
19	5. D.	.323	,					1					.321	239
•	TOTAL OBS	310			1	1		i	1				310	3647
		7.0											7.0	7041
	MEAN	29.953	29.882	29.879	29.913	29.920	29.913	29.938	29.930	29.913	29.904	29.9402	9.943	29.919
22	\$. D.	.323	.316	.294	.221	.148	.128	.116	.112	-164	.258	.300	.318	.240
	TOTAL OBS		_		(			1					310	3646
		20 051	20.000	20.00				20.05.3	20 244		20 202	00.043		30 004
ALL	MEAN	1										29.943		
HOURS	S D	.322							-110				.319	.242
	TOTAL OBS	2471	2255	2478	2398	2479	2396	2475	2478	2390	2475	2399	2480	29174

1210 WS JUL 64 0-89-5 (Det 50)

### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

24292 COMOX BC DOT APT 54-63 STATION YEARS

STATION NAME

IRS (L.S.T.		1431	€CB 1	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ANNUAL
IKS (L.S.1.		JAN.	FE8.								1015.61			1016.
,	MEAN													8.22
. 1	S. D.				,						8.8761		*	
	TOTAL OBS	310	282	310	300	369	300	308	309	299	310	30C	3107	364
	MEAN	1017 1	1015 0	1014 7	1615 0	1014 3	1014 0	1317 1	1014 7	1015 0	1015.31	016 81	014 9	1016.
04	S D										8.8961			8.26
C.4	TOTAL OBS	310	282							300				365
	TOTAL OBS	310	202	310	300	310	300	310	210	300	210		210	202
	MEAN	1016.8	014.9	1014-9	016.4	1016.8	1016.5	1317.8	1017.4	1016-4	1015.61	C16-91	016-6	1016.
17	S.D.										8.8451			8.31
. •	TOTAL OBS											299	310	364
	MEAN	1017.6	1015.5	1015.3	1016.7	1016.9	1016.6	1017.9	1017.6	1016.7	1016.11	017.41	017.3	1016.
10	S.D.	11.048	11.111	10.259	7.986	5.232	4.588	3.890	3.706	6.340	8.9611	0.3791	0.851	8.34
	TOTAL OBS	309	282	310	300	310	300	310	310	299	310	300	310	365
	MEAN	1017.0	1015.1	1015.	1016.3	1016.5	1016.3	1017.5	1017.2	1016.3	1015.71	016.81	016.7	1016.
13	S D.	11.016	10.869	10.067	7.788	5.090	4.543	3.791	3.615	5.925	8.7131	0.4441	0.936	8.25
	TOTAL OBS	309	281	310	300	310	298	317	310	297	310	300	310	364
				· 						· 				
	MEAN			i – – – – – – – – – – – – – – – – – – –							1015.2			1015.
16	S D.							–			8.5451		- 1	8.11
	TOTAL OBS	308	282	309	300	310	299	309	310	298	309	300	310	364
							:		<u> </u>					
	MEAN										1015.21			
19	S D										8.5771			8.12
	TOTAL OBS	310	282	309	300	310	299	310	310	298	309	300	310	364
	<del> </del>			1014		1015 0						014 77	014 3	1015
• •	MEAN										1015.41			1015.
22	5 D.			1							8.7641		il.	8.14
	TOTAL OBS	309	282	310	300	310	300	308	309	299	309	300	310	364
		1017 0	1014 0	1014 7	1016 0	1014 2	1014 0	1017 0	1014 7	1015 0	1015.51	014 67	014 7	1016.
ALL	MEAN 5. D.			,							8.765 <u>1</u>			8.23
HOURS	S. D.													-
	OF AL USS	47/9	6633	2718	2344	2717	(270	47/2	27/8	2590	2477	2377	Z40U	2918

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